Sorgo Çepartment.

The Rural World is the only journal in the United States having a special depart-ment devoted to syrup and sugar making

The first week in September, found the bulk of it in the milk, and soft dough, the seed, and thus disturb the coming draw but a short distance, could deliv
to a little over \$280 which if we call work it as soon as it would possibly do. but little of it being ripe enough for crop. Now, should this planting not gree (according to the eye) as other. gree (according to the eye) as other kinds of cane in other years, and when it became cool I found it much too thick. planted one acre, and the yield was I planted one acre, and the yield was eighty gallons of the clearest and thick-farmer must know the importance of est syrup, that I ever saw. What I had to spare went like hot cakes at sixty cents a gallon, of eleven pounds. We can as possible after cane harvest, not have thirty gallons left, that is nearly solid sugar; had to unhead the barrel to got it. The group is very light here:

I planted one acre, and the yield was planter if it appears necessary. Every ers and also operated by experts in the southern or ribbon cane.

Heading the outfit of machinery is a son 50 days, when it would only require to meet the expenses as here stated 850 only on account of the value of the seed different if they commence as soon as southern or ribbon cane.

Heading the outfit of machinery is a giant crusher with rolls 30 inches in diameter and 4½ feet long. To see a diameter and 4½ feet long. To see a bed of cane 4 feet wide and 8 to 10 inches running expenses and still have some the profits. get it. The crop is very light here: many pieces amounted to nothing, and other pieces giving a very light yield. summer. Mine was the best that I know of. The low prices of glucose syrups prevent sorgo syrup from bringing what it ought; still I am offered sixty-five cents for what I have left, and could sell several barrels like mine at that or even more. E. S. KETCHUM

forts, and especially in view of such un ripe cane. It is an additional evidence of the superiority of the Orange cane.

I filter through clay, and which they allow the juice to stand four they allow th and late planted, yet the juice made a light, pleasant syrup from cane, quite unripe. I found in the yard, a pile of Amber, the stalks quite small and dry as compared to the Orange. It appears that the Orange is best for Ohio, as well as your State. It will do better when as your State. It will do better when for fully acclimated. The lot first referred to, was from seed grown the year to yet will also pay \$2 per ton for the best five acres. They were making spiendid syrup, and then finished in the was few on the west of o

se.

Payboo

881.

press, two samples of Amber cane syrup. Last year was our first attempt at Culbertson in an exchange.

Sas to see what was being done, says H. Could be had in paying quant.ties. From Sterling we went to Dundee State to start new processes in agriculture. up. Last year was our first atcempt at the business. We use a Madison four the business. We use a Madison four horse mill for grinding and a Cook pan ling, 253 miles west of Kansas City, on Owing to some cause the Atchison. Topeka & Santa Fe rail. The superintendent is an expert in should be growing something for the benefit of the owner and the credit of benefit of the owner and the credit cane crop rather below the average; although we had some that yielded well; although we had some that yielded well; allons to the acre. We had a very hard wind about three weeks before cane was ready to cut, which blew it down so that it was very bad cutting and next, impossible to strip. Therefore we worked our crop with the leaves on, of which No.1 is a sample, juice tested 10°B. It worked 20°B. It worked 20°C B. It worked 2 other lots with the leaves on, which made a syrup of much lighter color and very good flavor. No. 2 is about the average color and density of most of

as No. 2, and either would be more put up this season. The farmers to en- but learned that they had not commenc pleasant had you used a little more courage the putting up of such an outlime, although for culinary purposes fit raised the sorghum and sold it to the it is better as it is. If it should be kept manufacturers at from \$1.25 to \$1.50 per ations was that for the more expensive no such goods as you have made will six to twelve tons per acre. The man-survive the winters; "the lickings it will ufacturers were getting ten gallons and cost of \$40,000 each. Then as money is Orange Cane in Iowa.

get" will certainly use it up. Who was upward of syrup per ton. The farmers worth 10 per cent., the interest would be \$\frac{1}{2}\$ were not generally satisfied with this or you for two and one-half pounds of any orange cane seed. Owing to under the second of Early Orange cane seed. Owing to unfavorable weather, I was unable to plant it until about the twentieth of harrowed it in. The weather became dry and warm, but nearly all the seed grew, in fact all grew that got into moist dirt when planted. It was plowed with as soon as it would possibly do.

The weather became the same field is to be planted, that there should be a three-furrow ridge turned between the old rows and the stripped for these large mills. Some of from 2,500 to 3,000 pounds per load and would untoad in less than two minutes.

The wear and tear and the invests ment to be a profitable one should be a returned in, say ten years, which would it to encourage capital to locate among the considerable and the invests ment to be a profitable one should be a returned in, say ten years, which would it to encourage capital to locate among the crument in the form of a white, sticky substance not at all unlike starch in looks, and quite bitter to the tasts. It will amount to \$8,500 to the tasts. It will amount to \$8,500 to the tasts. It will amount to \$8,500 to the tasts and the investment in the form of a white, sticky substance not at all unlike starch in looks, and quite bitter to the tasts. Suppose the working stripped for these large mills. Some of the farmers had dumping racks for about all they will get this year, on account of commencing late. This then the form 2,500 to 3,000 pounds per load and would require a product per day to be." to roll after planting lest the winter would unload in less than two minutes. make 10 per cent on the money, saying easily done, as the plowing is already 1,500 acres of cane. planter if it appears necessary. Every this place, was built by southern plant them working periods of 12 hours each.

This showing of course will be quite planter if it appears necessary. Every this place, was planter if it appears necessary. Every this place, was planter if it appears necessary. Every this place, was planter if it appears necessary. Every this place, was planter if it appears necessary. Every this place, was planter if it appears necessary. Every this place, was planter if it appears necessary. Every this place, was planter if it appears necessary. Every this place, was planter if it appears necessary. Every this place, was planter if it appears necessary. Every this place, was planter if it appears necessary. Every this place, was planter if it appears necessary. Every this place, was planter if it appears necessary. Every this place, was planter if it appears necessary. Every this place, was planter if it appears necessary. Every this place, was planter if it appears necessary. Every this place, was planter if it appears necessary the planter if it is a substitute of the planter if it is a s I. A. HEDGES,

Sorgo in Texas.

I. A. HEDGES: Since I have been on a farm, I have taken an active interest in sorghum, and have not failed for sixteen years to make a good lot of Mr. Hedges' Reply: Your samples are syrup. My notion is that sorghum will first class and speaks well for your ef- finally yield as fine syrup and sugar as ribbon cane. I have a Victor mill and fine copper pan, 4x12 feet, and I make of the superiority of the Orange cane. choice syrup. I filter through clay, and the juice marked 12 degrees B., although pounds of Early Orange seed, but did grown on a rich dark soil. The other not plant it, owing to the drouth. I crop was on a thin gravel and clay soil shall next year plant twenty acres of and late planted, yet the juice made a Early Orange. Amber. Honduras and

or other much of the cane seed planted last spring failed to come up. That, road. There we found two establish-with the dry weather has made the ments, one of them costing nearly \$10,ments, one of them costing nearly \$10, of syrup that they were producing was tiser.

000, the other about \$35,000—the latter evidence that he understood his busi-

> engine. The defecation and boiling is cept that they had not so large a masher. Greenville, Vt. all done by steam. They were using They had some of the machinery nec-

until mid-summer, it will be likely to ton for unstripped cane, according to ones they need careful management to reporter of the Chicago Tribune by a ness and flavor in humid atmosphere become tart, but I am sorry to say that quality. The cane was yielding from make them a financial success. For no such goods as you have made will six to twelve tons per acre. The man-

horse power engine, with a fly wheel price, near 30 feet in diameter.

The engine and mill weigh 96,000 lbs. means of steam.

southern cane and sugar reining of over 20 years experience. The quality the commonwealth.—Newark Adver-

1,500 acres of cane. they were averaging. Besides this it took from 40 to50 men per day too perate

land clear of volunteer cane the next summer.

I. A. Hedges.

I. A. Hedges. sive rolls and come out between two ments will doubtless do better than the rolls less than an one-eighth of an inch first figuring on account of getting cane apart, looks some like business, especi-ally when the mill is run with a 150 article that will sell readily at a good

Sugar-Making in New Jersey.

New Jersey has gone into the raising They boil in copper evaporators by of sug r, and will succeed, as she does in everything that she fairly under-They have four settling tanks in takes. Cape May is the banner county. From Sterling we went to Band about 225 miles west of Kansas City.

Here the whole outfit cost over \$45.

Here the whole outfit cost over \$45.

The was owned by Kansas men, many thousands of acres lying idle that he growing something for the standard of the growing something for the growing something for the growing something something something something the growing something somethin

Adulterated Sugar. The following simple test to discover

Agricultural.

Seeding Land to Grass. Probably nine tenths of the farmers

answer for seeding. On the majority of This is a fall apple in the latitude of farms, in this latitude, August and the high character attributed to it two September are better than spring, as a or three degrees further north. good crop of hay may be obtained the following season, whether the grass-seed be sown alone, or with wheat or rye. I have sown grass-seed with wheat in early September, on land not subject to heaving, and taken a good crop of each the following season. Clover seed will necessarily have to be sown in the spring, as the young plants are liable to winter-kill. Where the frost heaves the ground in Winter or ural acid of the juice is destroyed and when settled the juice looks as clear as water.

When it has settled sufficiently in the water as the settled sufficiently in the coverage buildings at Rio Grande on Spring as the surface becomes dry self are the only farmers here that plant ferred to, was from seed grown the year before by Ely Guess, Carroll Co., O., whose crop yielded over 300 gallons per day.

Sandusky, Texas, October 15.

Sandusky, Texas, October 15.

Sorghum Manufacture on a Large of to be faulty is an evidence that the Early Orange is reliable.

Letter From L. M. Thayer. of Wis.

Self are the only farmers here that plant cane is over 2,000 gallons per day.

They were making splendid syrup, that ought to sell for more than the best glueose syrup, if quality was considered at the works or the made from the land the same season, following and a better one the season, following that the works of the making stand of the content of had not tried to make any. The men in charge did not seem to think sugar could be had in paying quant.ties.

Could be had in paying quant.ties.

The men in sorghum cane they believe the return clover, which will be considered the charge did not seem to think sugar will be nearly double. This is a practicular before winter sets in, and a good crop call way of testing the capacity of the constant to the constant of hay may be reasonably expected the next season. Any other land than sward may be thus seeded, if done in

made a syrup of much lighter color and boiling is every good favor. No. 2 is about the every good favor. They were used that was very till, large around, stripped that was vorked in 9 closer 10, from came that was very till, large around, stripped and in the condition. There was 18 is an add to be localing, were that the stripped favor. The every good favor. It is good favor. It is good for the every good favor. The every good favor. It is good favor. It is good for the every good favor. It is good favor. It is good for the every good favor. It is good for the every good favor. It is good favor. It is good for the every good for t since there is no show for crops to come nia have had but little, and wheat in the At Baldwin, Kan., a sorghum mill has fall off in the price of marketable beef badly.

"Rusticus" cities, in The Farming World, a number of instances where apwhen sugar has been additerated with glu- ples have been found to keep much betcose was, in a recent interview, given to a ter with brighter skin and more juici-For Chicago grocer. There is no reason why than in rooms or cellars where the dryanybody could not detect the fraud at once: ness of the air gradually induces shriv-"Take a handful of the mixture and drop elling, especially with open-coated Rusit into a glass of cold water; stir it a few netts, etc. It is common to find apples minutes and you will notice that the cane covered by moist fallen leaves in the orchard in superior condition, and the old plan of burying apples kept them as fresh and sound as when put in, noue decaying unless decay had been provided for by prior exposure or maltreat-ment. A cellar in Woodstock, containing aspring, was noted for supplying the fairest and best Russetts, Greenings, Baldwins, etc., to be bought in the neighborhood. The apples were kept in open barrels standing on timbers over the water. Other dark, damp cellars gave the next best choice. In Russia apples are said to be stored in water like cranberries, but this may apply only to certain kinds, That favorite apple in the north, the Fameuse, has been proved to keep eminently well, of the United States sow all their boat loaded with them sank and was grass-seed in the Spring, and usually frozen in before it could be raised. can give no better reason than that When this was done in the spring, the they have always done so, and their apples, which would not have kept long-ter than January in the air, had preservtathers before them. Many of them do not know that any other season will admiration of the Montreal market.

> Try new kinds of wheat on your soil. Do not be afraid to experiment with other wheat than you have been growing. An acre will suffice for an experi-ment, and then if satisfactory, it will be safe to sow more extensively. sure you're right then go ahead."

> A Denver paper says that enough al-falta has been sold in that state this year to seed 10,000 acres which next year will give an increase of 60,000 tons of hay worth \$1,250,000, estimating the vield at six tons an acre. On some farms near Denver it has produced eight or nine tons.

Joseph Harris says he can make lands

on account of poor seed, and tells how he selects his seed corn. If the corn is picked from the field just after the husks begin to turn a ripe color, and August (provided it be sufficiently ferhung up by the husks over a wire or tile), and produce a good crop of hay pole, in the kitchen or in the shed, where August (provided it be sumciently the following season.—W. H. W., in the following season.—W. H. W., in Cantleman.

India up pole, in the kitchen or in the sneu, where the following season.—W. H. W., in the kitchen or in the sneu, where the following season.—W. H. W., in the following season.—W. H. W., in the kitchen or in the sneu, where the following season.—W. H. W., in the kitchen or in the sneu, where the following season.—W. H. W., in the kitchen or in the sneu, where the following season.—W. H. W., in the kitchen or in the sneu, where the following season.—W. H. W., in the kitchen or in the sneu, where the following season is the following season.—W. H. W., in the kitchen or in the sneu, where the following season is the following season is the following season.—W. H. W., in the kitchen or in the sneu, where the following season is the following The great failure of the corn crop nel of that corn will grow. If picked quite early, just as it begins to dent, the thoughout the western States, says the seed seems to be very strong, and will

Farmers' Grganizations.

[This Department will contain articles designed to advance the interests of the Granges, the Farmers' Alliance, and the Anti-Mopopoly Or, anization.]

Official Grange Paper.

At a meeting of the executive committee of the Missouri State Grange, held in the city of St. Louis on the 3d day of December, 1880 all the members being present—it was agreed to accept the proposition, submitted by Col. Norman J. Colman, for publishing the official amunications in the RURAL WORLD

uring the two ensuing years.
A. M. Correr, Secretary of Executive Committee. Knob Noster, Mo., December 6, 1880.

Rolla State Grange Resolutions. The Missouri State Grange, at its late sescion at Rolla, unanimously adopted the fol-

Whereas, It has ever been the faithful, carnest and consistent friend of the grange and of the agricultural classes of the State, sealously laboring to advance every agricul tural interest and to elevate the profession of agriculture to a higher standard; there

Resolved. That the Missouri State Grange cordially andorses Colman's Rural World and recommends it to the support of the Patrons of Husbandry of the State of Mis-

The following resolution, relating to mon-

The public welfare demands that the various questions relating to chartered monopo-lies and methods of transportation should be met and decided, and we are in favor of the adoption of measures to restrict the growing power of such monopolies. They should be subject to the supervision of comissioners established by public authority All unjust discriminations in the transports tion of passengers and merchandise should be prohibited. The charges of corporations which have taken the property of private citizens for public use should be limited to the cost of service, with reasonable profit. instead of mercenary exaction "of all the traffic will bear."

What of the Grange?

Nearly a decade of years has passed since the time the order of "The Patrons of Hus bandry" spread thro' t e land with a rapidity an i zeal rarely equated by a great religiouawakening or a tidal wave of temperance reform. Time enough has now elapsed to ena ble as to apply the Scripture test, "By their fruits shall ye know them," to this organiza tion. We ask then, has it accomplished the objects simed at?

In attempting to answer this question we must first settle what the true object of the order really is. The greatest difficulty that the earnest leaders in the Grange had to meet. was a misapprehension on this point on the part of the members. In its early history housands came knocking for admission and were received as members who had no motive but a selfish one, and who forgetting the great law expressed so beautifully by the poet when

"God gives no value unto men Unmatched by meed of labor,"

supposed that mere membership would bring blessings untold. These members were continually clamoring for the grange to do some thing. They were like the "On to Richmond" editors during the war, who planned the cam paigns for our generals, and told the President ery article that is manufactured, and every and Cabinet what to do. They wanted the bushel of grain that is produced, the farmers not only to keep store, but to pack of corporate power, if we may believe their their own perk, make their own machinery; sworn testimony, do not scruple to tamper and as we have often heard them express it, with the law makers of the land. Even our "Go out into the markets of the world" and courts of justice—the tribunals of last resort buy from first hands, by the cargo, all the —are not wholly free from their corrupting ous, apparently, of the fact that farming road magnate testified before a committee of the New York legislature, that he could no quire all the time and quality of the man who required long special training, these men not take them long to find out that one busi-ness was enough, and that the grange was no quent as the other. The elevation of a reneas was enough, and that the grange was no earthly benefit to the man who did not work cent railroad attorney to the Supreme Court gon is sold at.

and make it so, and soon there was a great —the highest judicial tribunal in the land—

Wholeste management of the court and make it so, and soon there was a great "falling from grace," these members went back to the world.

idea that its great object was education, who realized the fact that the farmer needed more at the order to-day, we find it has yeilded a leading southern state, the political parties nothing to the drones. It has disappointed were so divided that a senator could not be those whose chief idea was that it would break down middlemen and be a moneymaking institution. But it has, in number less instances, more than fulfilled the expec tations of its best friends

There are fewer granges to day, but they are better ones. There are thousands of farmers now in the order who have learned to speak in public, to preside at public meetings, and to think and reason as they never did before. There are many who are readers and thinkers, and who are becoming leaders and educators thro' the influences of the or der. A regular plan of work has been laid great corporation, the attorneys of these parent and questions of farm management and home comfort are regularly discussed in convicted them, and plead in extenses or of their meetings. More agricultural papers are read, and in many neighborhoods libra-ries are established and lecture courses sustained by the order. We speak that of which we have personal knowledge; and in affirm-ing that in many neighborhoods the grange has accomplished wonders. It has softened political asperities by bringing those of op-posite parties together, it cultivates the so cial nature, educates the young in music and to a large extent in literature. Hundred- of grange halls have been built and furnished and as the object of the order has been shown to be the educator of the farmer rather than war on other callings, the public have come to respect it. With such men a Bebretary Chamberlain, Professor Towns hend, and scores of others who are earnes and able, laboring for the good of the farme. in this organization, its success is assured It has accomplished much in less than ter years; although this is only the seed time but a foundation has been laid for futur-

The farmers' club and the grange are orking for the same end, and there should

be no rivalry between them. We need each and every influence that will broaden the farmers's view of life, that will help him to become a better farmer, a wiser citizen, a happier man, and there can be no question that among these influences to day grange is one of the most potent, and these influences to-day the be made a means of the greatest good .- Ohio

Farmers' Alliance.

The national organization of this order has just closed its annual session at Chicago and among other business transacted wa the taking of steps to at once organize Alliances throughout the Union. The objects and aims of the Alliance are good, and no effort should be spared to secure an organization of farmers such as will be powerful enough to compel moneyed corporations which are now attempting to grasp all the power of the nation, and place themselves above the people from whom they derived the franchises permitting them to exist and protecting them in the enjoyment of their rights and property, to respect the rights of the people, and yield a prompt obedience to the laws of the country.

It is a notorious fact that the large moneyed corporations have a profound contempt for the courts of justice, officers of the law, the whereas, Colman's Rural World was one ongress, legislatures, state, county and city of the first papers in Missouri to espouse the grange cause, and to urge the farmers of the State to organize themselves into granges; laws; prevent people from obtaining institute parts of our government, (we mean congress, legislatures, state, county and city officials.) With great wealth at their command they cripple, thwart and evade the laws; prevent people from obtaining institute. cases from one court to another; prevent legislation in the interests of the people by money influence, or boldly disregarding laws passed, and by use of money and favors secure the silence of offi cers of the law; make unjust and excessive charges—a systematic course of highway robbery; in truth, proclaim that they, and they only, are to be consulted in all things. and that they will not permit the passage of any law compelling them to obey the laws of the land, or if such laws are passed that they will not obey them.

It is time that an effort was being put opolies and transportation was passed by the forth to bring these powerful corporations to New York State Democratic Convention, at a proper respect of the laws, and if they will not obey the laws, take from them the franchises which they enjoy. The people gave them, and the people can take them away. A perfect organization can do this, and farmers should organize throughout the country, and see to it that in the future no man is elected to an official position who will not stand forth as an officer of the people for the rigid enforcement of the laws against moneyed corporations which do not respect them.-Ex.

Monopolies.

Much as we may admire the wisdom displayed by our forefathers in drafting that wonderful document, the constitution of our country, we cannot but feel that they committed a serious mistake in not placing some restrictions upon the accumulation of vast wealth, but perhaps they should not be blamed for this grave omission, as the means by which immense fortunes could be rapidly ecumulated, were not then at command telegraph invented, and the beauties of our present national bank system were entirely anknown. But we cannot plead ignorance score to day, for our country is cov -red with a network of railroad and tele graph lines, and the banks, figuratively -peaking, are thick as were locusts in Egypt. By means of these great agents of trade and transportation, the iron hand of monopoly has fastened a death like grip upon the in-dustries of the nation. The laboring classes of the east find the price of their necessities enhanced without just cause, while the toil ing millions upon our western prairies are so completely at the mercy of this cormorant that only by incessant labor can they keep the wolf from the door.

Meanwhile the grasping greed of monopoly, like a gigantic sponge, absorbs the vitality of the nation, and the colossal fortunes of a favored few increase faster and faster. As a natural result of this condition of affairs, the poorer classes become more and more discontented, and the criminal element receives large accessions.

But not satisfied with the privilege of arsupplies for farm and family. Utterly obvi influences. A few years ago a leading railcould succeed in it, and that every business used money to help nominate and elect equired long special training, these men friendly men, than he could the number of wanted the farmers to do everything. It did cars that go over his road each day, plainly has been recently effected, and this startling evidence of the tendency of affairs is strik-There was, however another class of graningly corroborated by the undisputed fact
gers—men who went into the order with the
that out of the thirteen United States Sensand cider mills. tors recently selected, nine were known to be, or to recently have been, the paid agent contact with men, more social enjoyment, of some great corporation, in the employ of Spring Wagon, All Leather Cushions, and some intellectual stimulus. As we look some gigantic monopoly. Not long since in Seats and Pole, all complete, 'o' \$80. chosen, till finally monopoly named a candidate; and he was triumpantly elected. If we knew how many paid attorneys of great cor porations were numbered among the law makers of the land, the cause of the enact nent of so much class legislation, as the last few years have witnessed, would not remain much a mystery.

Not many months ago, when some potorius lobbyists were convicted of bribing the legislature of a leading eastern state, into voting millions of dollars out of the pockets of the tax-payers to enrich the agents of a this monstrous crime against free go ernme that the offense in that state was a manner

common occurrence! And the parties by the ssi-tance of the pardoning power, were actually permitted to escape the just punishment of their crimes. Not contented with the variage ground it already occupies, mon-opoly, by securing a controlling influence in leading newspapers, is endeavoring to per-vert and poison the very fountain head of public opinion itself; thus sweeping away at me fell stroke the last bulwark of American berty. Absolute governments deal rigor ously with the first tendency on the part of their subjects to undermine their power, and tre thus enabled to perpetuate their exist ence for even a thousand years; but repub-ics permit the seeds of decay to be planted n their vitals without protest. In Russia he manufacture of bombs or the printing of Nihilistic newspaper would be instaudy appressed, and the manufacturer or publisher transported to Siberia, or consigned to dungeon. But in America, both could be arried on in broad daylight without fear of

Thus we have permitted the power of monopoly to become stronger and stronger, till to-day its overshadowing influence permeates everything around us-corrupting our courts, influencing our elections, and threatening at no distant day to take complete control of the government itself. If this condition of affairs should continue for fifty years hence, it requires no prophet to foretell the result, no Daniel to interpret the hand writing upon the wall; for the liberties of the people will have become a thing of the past, and instead of a republic of equals, we will have upon the one hand a few score of millionaires controlling the government, and reveling in the enjoyment of ill-gotten gains, and upon the other a horde of maddened and infuriated wretches, burning under a sense of untold wrongs, inflamed by the bas est passions, and with the insane cry of "lib erty, equality and fraternity," ever ready to proceed to deeds of violence and bloodshed. to re-enact upon American soil all the horrors of the French Revolution .- Western Rural.

The worthy Master of the West Virginia State Grange, in his annual address before that body at its last meeting, Sept. 7th, re-ferring to corruption in high places, said: The object of our order is adverse to all such tenden ies, by advancing and elevating us as a class, and teaching us to have cleare conceptions of our duty and the responsibil ties devolving upon us as citizens—and the grange is the only organization for farmers et devised, by or through which such bene ficial results can be accomplished, for it pes esses the power not only to lift its member but the whole pation into a higher life by ducating the masses and freeing them from the prejudices engendered by ignorance; for wherever prejudice and ignorance are oblit-erated mankind advances. To do this it requires every member of our order to make t effective by increasing its strength; and ike the cable, which can hold the largest ships during a storm, is made up of the minutest fibres of hemp, each fibre having its part to perform in the great whole; so it is with the grange, each and every member constitutes a part of this great order, having their duties to perform, not separate and alone, but in solid phalanx, moving on to wards the accomplishment of a common pur ose. To exercise that influence in governmental affairs to which you are entitle

must organize. It is of vital interest to the farmer that our forces should not only be xtended. It is perfectly useless for the farm rs of this country to suppose for a momen that they can perfect any measures of relief except by thorough organization. Our rulers are not actuated with a view to the public good, but are generally the guardians of corporate wealth; our laws all tend towards class legislation and are in the interest of capital and monopolies. How are your 100 resentatives chosen; how are your elections onducted? Capitalists rule all our elections and our representatives are the champion of their interests, and against the rights of he laboring classes. The aims and purpos es of the grange are to unite our whole strength, to enforce the claims and jus ights of each of its members against the combined power of capital. It is clearly. hen, the interest of every farmer to join he grange, if for no other purpose but to protect his individual rights against the com pined power of large aggressive monopolies There is but one course left us to pursue and that is to unite. Let grangers every here renew their obligations to the order, and draw around us more closely the bonds unity of action, then we can command and

PARKER'S GINGER TONIC



of the best med ned in Parker's Gir onic, into a medicin such varied powers, a male it the greater and Purifier and the Best Health & Strengt Restorer Ever Used. It cures Rheumatism

Parker's Hair Balsam.

We call the attention of farmers to the fact that we furnish the VERY BEST FARM WAGONS ever sold in the west, for a good | WILSON'S ALBANY—Everywhere well known deal less money than any other standard wa- as one of the best market varieties. \$1,00.

Ap Elegant, fully guaranteed, Platform Spring Wagon, All-Leather Cushions, Two And the Jones 5 ton Scale, freight prepaid

to vonr station, for \$60. Send in your orders singly, or combine our neighbors together in one order for family supplies of all kinds and get them at wholesale prices. We have just issued a new price-list of Groceries, Dry Goods, Boots and

Full description of any of the above and rates of freight to all points furnished upon application to

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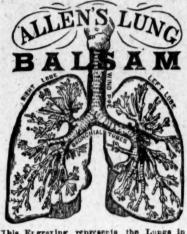
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Horticultural.

Among the Vineyards --- No. 4. BY E. A. RIEHL, ALTON, ILL. varieties.

Moore's Early-About as early as Hartford; berry larger than Concord: bunch only medium. Mr. Rommel can see nothing desirable in it.

Brighton-A very fine grape, but is not reliable.

Ives' Seedlings-show no changes, but remain the same as parents.

Racine-Strong grower, and magnificent foliage; would be splendid for an arbor, but here, as with me, it shows only straggling berries, not a perfect

Grein's No. 1 showed well. Grein's No. 2-Bearing heavy crops

of fine grapes, and very promising.

any value for us at the west.

Backus-Very like Clinton, but richer in quality.

Humboldt -- Monch's Seedling, of Louisiana; Amber color. Does not bear well.

Neosho was here full of fruit, and

Rommel does not like it. Norton showed a good crop, con-

sun-scald as I have seen elsewhere. Monteflero was especially fine; bunch nd berry larger than Clinton; and

Thus ended one of the most pleasant ter purchase what are wanted this fall.

Keeping Sweet Potatoes.

BY T. V. MUNSON, DENISON, TEXAS. the principle is understood, any method recommended is liable to failure, as the essential points may be overlooked by those who know not why certain con-

potato, three conditions are essential, namely: 1st. Soundness when stored. 2d. Uniform dryness after storage. 3d. Uniform temperature, above 40 degrees and under 70 degrees.

ditions are required.

Stated negatively, the instruction

would be: 1st. Do not bruise, or put away for

Having done with Mr. Rommel's the writer has kept sweet potatoes in Seedlings, we took some notes of other excellent condition, through from Octotriffing loss, and in smaller lots till the exception of Secretary Kalb's fa-August, in a dry, well ventilated cellar.

A bin built of boards, five feet wide, three feet deep, running around against the dry stone wall, laid upon sills four inches thick, with half-inch cracks between bottom boards for ventilation, was filled heaping full of potatoes. During day night. very mild days in winter, thorough ventilation was given by opening the windows and doors of cellar. The crack ommend the list to the Kansas and Misin bottom of bin, allowed fresh air to souri State Horticultural societies for and find but few varieties from among their adoption. It is known that many the thirty-five kinds which I have enter below; the warmth developed by their adoption. It is known that many the thirty-live and the air the mass of potatoes, warmed the air summer and fall apples here, and we here in the Grein's No. 7—White; bunch and berry, medium; very early and productive; strong grower and foliage healthy; said to be not always, but is perfectly sound this year.

Lady Washington—Rots; bunches far inferior to those exhibited by Mr. Rick—etts; quality superb, and doubt if it has etts; quality superb, and doubt if it has as though just dug. They were very mealy and sweet, and readily brought

time they would bring but 25 cents. DIGGING AND STORAGE. Recond was here full of fruit, and fit will do as well generally, and make as fine wine as is said, must be valuable for that purpose.

Noah was here loose on the bunches, and more sun-burnt than I bave seen it anywhere else, and it is no wonder Mr.

Rommel does not like it.

Ittle more growth can possibly be made, select a fair day, when the soil is in quality much superior to Contact, the skin about as tender as its in will not yield sufficient alone, and I mix with Green Prolific and get large quantities of fruit. Cumberland Trible it being as good a grower, as healthy and having the advantage and having the advantage of the parent. I like it so well I shall plant no more Concord, but Worden instead—quantities of fruit. Cumberland Trible it being as good a grower, as healthy and having the advantage of the parent. I like it so well I shall plant no more Concord, but Worden instead—quantities of fruit. Cumberland Trible it being as good a grower, as healthy and having the advantage of the parent. I like it so well I shall plant no more Concord, but Worden instead—quantities of fruit. Cumberland Trible it being as good a grower, as healthy and having the advantage of the parent. I like it so well I shall plant no more Concord, but Worden instead—quantities of fruit. Cumberland Trible it being as good a grower, as healthy and having the advantage of the parent. I like it so well I shall plant no more Concord, but Worden instead—quantities of fruit. Cumberland Trible it being as good a grower, as healthy and having the advantage of the parent. I like it so well I shall plant no will not yield sufficient alone, and I will not yield sufficie to one side, drops its load and sets in much better in quality.

E. A. RIEHL growth.

White Norton showed weak foliage, and not desirable, as we have so many better white grapes.

Martha was fine here; a full crop of fine grapes, showing no rot or sunscald.

Elvira—At its best, and full as the vines could hang, with less cracking and sun-scald than I had seen anywhere each row. Pick again. Another deep, who were tried. The potatoes are not sunscald.

Fall Work Ameng the Flowers.

Col. Col.Man: Very much work that added to in the fall is often bestowed on them.

We have had no late drouthlin this locality, and I have eight acres of straw-best and they can potent acre in shock is in addition, while the folder is almost ruined. Wheat is getting a late, which is end in view, Whereyou find young winter laying hens, you may be sure they have been taken extra good care of the household and little children to look after, many times have price from the shell upward. But older try where they can be end they can possibly do—as this getting a late, which is end in view, Whereyou find young winter laying hens, you may be sure they have been taken extra good care of the household and little children to each side of several rows.

Elvira—At its best, and full as the vines could hang, with less cracking and sun-scald than I had seen anywhere and no late drouthlin this locality, and I have eight acres of straw-better soloking finely.

Heavy rains are of almost daily occurrence, and the corn in shock is in the care of the household and little children to each side of several rows.

Elvira—At its best, and full as the vines could hang, with less cracking and sun-scald than I had seen anywhere lovers, and especially those who have any times have the care of the household and little children to each side of several rows.

Elvira—At its best, and full as the vines the care of the household and little children to each side of several rows.

F.D. HILLMAN.

Texturned out on each side of several rows.

Texturned out on each side of several rows.

F.D. HILLMAN.

Texturned out on each side of several rows.

Textur and sun-scald than I had seen anywhere each row. Pick again. Another furlow and other picking fluish, and far low she live in our memories, for the new she live in our memories, for the new though now eclipsed by a new love that promises a longer and more useful life.

From Mr. Rommel's we went to his brother-in-law's, Mr. Herman Sobbe.

The different colors together, and hung lifes along to one side of the same purpose.

The matter, for so many duties are crowded in the consideration. Nature of the same purpose.

The matter, for so many duties are crowded in the seen anywhere each row. Pick again. Another furlow and other picking fluish, and far matter, for so many duties are crowded into a few short weeks. Still we will matter, for so many duties are crowded into a few short weeks. Still we will matter, for so many duties are crowded into a few short weeks. Still we will matter, for so many duties are crowded into a few short weeks. Still we will matter, for so many duties are crowded into a few short weeks. Still we will matter, for so many duties are crowded into a few short weeks. Still we will matter, for so many duties are crowded in the action rime, great sufforing. The same purpose.

The unsure of the same purpose.

Thus: if we take a flock of one and where we cen furnish them with the time, great sufforing. The way from the potatoes of one and likinds that are adapted to this out removing the tops, tied in bundles, sound small potatoes for seed; the third, the different colors together, and hung into a few short weeks. Still we will matter, for so many duties are crowded in the action and their occasion and their occasion and the proving the tops and the matter, for so many duties are crowded in the action and side of the same purpose.

Thus: if we take a flock of one and where we cen furnish them with the other occasion and the matter, for so many duties are crowded in the action and side of the same purpose.

Thus: if we take a flock of one and where we cen furnish them with the other occasion and t

Elvira-Very full, and not so much Report of the Missouri Valley Horticultural Society.

EDITOR RURAL WORLD: The society inton; and met at the office of J. K. Cravens, on

and berry larger than Clinton; and though a Taylor Seedling, it has evidently got some Labrusca blood in it, probably Concord.

Wilding was here very fine, with a heavy crop of well filled bunches, and not the least foxiness. It pleased me very much, as I saw it here.

Ives and Concord I think were overgrounded the trollises being govern or need in the finds the least foxiness. top to bottom; also the dry weather was they will ruin the crop next year. He hard on them. White Herman-Ripens here and asks what will destroy them? Some

answer that salt and ashes will do it. makes a fine white wine.

I here saw a few seedling peaches on one tree, the only ones I saw growing plants will be scarce next spring. Bet-

and instructive horticultural trips I Orchards-All apples should be gathered as soon as possible. Many varieties have begun to rot, on account of the warm, wet weather. Apples are scarce and high, bringing \$1 to \$1 50 plying almost any principle, and unless per bushel, and apples that we could scarcely sell last year for 15 cents for cider, now bring 50 to 60 cents.

On Vegetables-Many members re-

keeping any potato injured in any way, ing the tree was not hardy; others say-

conditions, after storage. In the south, a good, dry cellar is all that is needed. In the north, fire-heat to dry and moderate the air will be necessary.

ILLUSTRATION.

For three years, at Denison, Texas, the writer has kept sweet potatoes in excellent condition, through frem October to May, in large quantity with triffing loss, and in smaller lots till the day to re-arrange the stripping loss, and in smaller lots till the day to re-arrange the show, with the exception of Secretary Kalb's fa
Winter. This plant matures early, the foliage being all dead a month or more day noon, and put them out by night. The next morning we found that they ago. Divide the roots into single eyes and cut away most of the old roots; put took half the day to re-arrange them. Of all the places that we have shown, the sized pot you use. They grow very rapidly, and in a few weeks the flower rapidly, and in a few seeks the flower rapidly.

Ottumwa, Ival extent that they have the poorest place the rapidly and cut away most of the old rapidl

The show of fruit at the Kansas City

A motion was made that a committee

The Worden Grape.

ife.

From Mr. Rommel's we went to his brother-in-law's, Mr. Herman Sobbe.
There were a good many Catawba that showed considerable rot. There is no use disguising the fact, Catawba's days are numbered in this section, being su perseded by a more healthy vine, bearing equally good and as attractive infe.

If the different colors together, and hung brove function the disputation to the different colors together, and hung in an altry place. After they have each of the different colors together, and hung all the injured potatoes for immediate up in an altry place. After they have each of the different colors together, and hung in an altry place. After they have each disposition, and they will common to alone become dry, remove the tops about half an inch from the bulbs, putting them to this screated within us such demands for the fruits that are "beautiful and good to eat" that the sæthetic element there way for hens to lay, under this stimular, the different colors together, and hung in potatoes for immediate up in an altry place. After they have each earlier than they will have done and they will expense exposed the inition of the disposition, and they will disposition.

The matter of profit should not alone the introduction. Nature the disposition of the point and they would have done and in the disposition, and they will disposit on.

The matter of profit should not alone the disposition of t ing equally good and as attractive wagon and drawn to the cellar, and in dry sand or sawdust and set up some taste for flowers.

Apples will net distance above the floor.

making a fine growth. Unlike in other places, I am told the demand here for Nortons exceeds the supply.

Martha—Fine here, and made a heavy

Martha—Fine here, and made a heavy

Me find the Southern Queen variety far the most profitable, though not so until danger of freezing. Lift the roots with the southern Queen variety far the most profitable, though not so until danger of freezing. Lift the roots with the southern Queen variety far the most profitable, though not so until danger of freezing. Lift the roots with the southern Queen variety far the most profitable, though not so until danger of freezing. Lift the roots ly with this fruit as it is to educate his seven to eight months of age, of any breed.

We therefore advise those who would not so until danger of freezing. Lift the roots ly with this fruit as it is to educate his seven to eight months of age, of any breed.

Prof. J. P. Thomas' making a fine growth. Unlike in other that excessive moisture, driven off by places, I am told the demand here for the "sweating" process, can escape.

We find the Southern Queen variety

We find the Southern Queen variety become dry, and will keep better if a The needs of the body are as imperatrifle wilted before storing in the saw- tive as those of the mind.

dust or sand for winter. Tuberose bulbs which have been if I had room in my yard

the enterprise. some evergreen boughs or earth thrown on here and there to prevent the wind there to prevent the wind there peddled at 1½ and 2 cents. port as having purchased and sown from blowing the covering about. Roses hose who know not why certain conlitions are required.

For the preservation of the sweet
potato, three conditions are essential,
namely: 1st. Soundness when stored.

Mow for the last and best of all.

Now for the last and best of all.

I have a barrel (from which both beads have been removed) set over them and the space filled with leaves or straw. Pull all stray weeds, give the beds a good coating of manure, and best of all.

Now for the last and best of all.

Now for the last and best of all.

I have a barrel (from which both beads have been removed) set over them and the space filled with leaves or straw. Pull all stray weeds, give the beds a good coating of manure, and best of all.

Now for the last and best of all.

"Cultivation and profit of apples, and size to market," which is forwarded for publication in the Rural World.

Objections were raised to certain varieties. Some opposed Smith's Cider, saying the tree was not hardy; others say when the winds dry them out experience and the opinions of experts.

Strawberries in Michigan. EDITOR RURAL WORLD: I am well Fair, or at Bismarck Fair, was ten times as good as that at St. Louis all put together. Our society had more fruit at our Fair than was there altogether. We received the first premium of \$50, and returned home on Wednesself.

I have raised strawberries for market tain extent. His inquiry is two-fold. pleased with the RURAL, but am parmost varieties that have been grown sufficiently long to gain a reputation, and find but few varieties from among litis a difficult thing to "make young orders and debility, Bilious complaints and thirty five binds which I have coming in from the bottom, and made want a standard for such here in the here. I had a yield of 650 bushels from

be enjoyed by those who have given EDITOR RURAL WORLD: This grape I them a trial, not withstanding the green years, and the more I see of it, the bet- Jack was nearly ruined by an early fall, and after moulting they will begin ter I like it. It is a seedling of the Con- grouth, but I value it highly. Duchesse In the fall, when the nights are quite cord, and like it in growth and fruit, is a valuable shipping berry, early and little more growth can possibly be berries considerably larger, sweet and crop, which supplies the demand until

Of other kinds I do not recall any worth describing, unless it be the Wind-

grown for next year's flowering, should be lifted, the earth removed and all the side shoots breken off and the bulbs thoroughly dried. In order to preserve the short of the flowering germs, which will perish in a remedy for the curculio. Pears and very finely since the rain, and the proslow temperature, they need to be kept peaced to ature should not fall below 60 degrees. I should expect to realize greater and A good place for them is, to wrap them more direct returns. Strawberries are in paper and put them in a cigar box; too fickle for this climate and I place this box in the bottom of the wood box next the stove. I have a friend who unless I was prepared to irrigate. Undearly loves flowers, and she kept a half questionably this can be done successdozen tuberose bulbs after rather a nov- fully with windmill or house pumps. long being badly decimated, as hundreds el fashion. She wrapped them in cot- Then I would hardly want a better were lying about the apiary, rendering it imel fashion. She wrapped them in cotton and put them between the ticks of thance for making money than raising possible to walk about without treading on the wrapped them. None of the usual causes to which her bed. So you see her heart was in strawberries for this market. Blackberries will seldom pay without irrigation. In the garden all beds planted with perennials or bulbs should be covered market is offered than we have here. with leaves or half rotted manure and This fruit cannot be raised in this State

Currants and goosberries, I have nev-

recing any potato injured in any may be feeling and may be may

Foreing Winter Laying.

for the last five years, and have tested He asks "if hens can be made to lay in

hens lay," ordinarily, until they are all Diseases indicating an impure condition ready to perform this desirable duty in of the Blood, Liver, Kidneys, Stomach, Skin, the natural way. Nature creates the the natural way. Nature creates the about four acres the past season, and disposition, and in due course of time (the last mixed with Green Prolific, tion of the formation and maturing of to lessen the natural vigor of the brain an

first year of their lives, the pullet should be hatched early in the previous spring. \$1 to \$1 25 per bushel, while at digging have grown and fruited for several tips, and they will ship well. The Capt. Thus they grow to maturity by late to lay, frequently in November, or even in October. Leghorns will commence cool and frosts are expected, and but except that it ripens a little earlier; good. The Crescent bears its heavy to lay at five months old, and we have calling their attention to the very handsome little more growth can possibly be berries considerably larger, sweet and crop, which supplies the demand until known Bramahs and Cochins, to begin ing Co. of St. Louis, as it would be useless

or two older. So, if your pullets hatch out, say in March or April, they will plenty of real work, to say nothing of the be seven or eight months of age in No-comfort of a happy, conted household. vember, and should then be ready to

hens thus treated to produce enormous grapes.

Nortons overbore last year, and, as a consequence, had a light crop, but were making a fine growth. Unlike in other that excessive moisture driven off by

The needs of the body are as imperative as those of the mind.

Cherries are next in importance, and f I had room in my yard for but one it would be a cherry. Plums I plenty of animal food, wheat, buck-

The Apiary.

Bee Notes.

The British Bee Journal makes mention of several cases where bees have been stricken with paralysis in the wings, and fears are entertained of the hives to which they bebees are subject or die from are apparent. The bees come out to take their flight, and the morning after a previous day's confinement at home through wet or cold weather.

As the honey season draws to a close care should be taken not to give the bees too much room in the boxes, thereby avoiding too many partially filled sections. As the flow slackens off, take from colonics with more sections than they are likely to finish. and put in place of full sections removed contracting the room for surplus honey if necessary, so as to have all the sections finished as soon as possible. New beginners are apt to go on adding boxes so long as the flow continues, and at the end of the season have a large number of sections only partial-ly filled which must be kept over until another season, or emptied with the extractor.

The Indiana Farmer gives the following caution and advice: In almost all cases

ones the winter vicissitudes will be better resisted, and it is therefore evident that to be prepared for safe wintering the hive should contain a large proportion of young nawora bees; and to bring about this desirable condition the income of food should be prolonged artificially, or in other works. the harvest fails bees should be fed that they may be induced to keep up the breeding propensity in the queen to as late a periods is consistent with safety to the brood.

HOW TO SECURE HEALTH.

The Poultry World thus shows a from the many derangements brought on reader how hens can be made to lay in by an impure condition of the blood, when scovill's SABSAPARILLA AND STIL-LINGIA, or BLOOD AND LIVER SYRUF will restore perfect health to the physical organization. It is indeed a strengthening syrup, pleasant to take and bas proven itself to be the BEST BLOOD PURIFIER bottle will prove to you its merits a health renewer, for it ACTS LIKE

BAKER'S PAIN PANACEA cures pain in Man and Beast. Use externally and inter-nally and find instant relief.

DR. ROGER'S VEGETABLE WORK SYRUP instantly destroys WORMS and re-moves the Secretions which cause them.

A Square Meal. We are sure our readers will thank us for laying at six months.

Generally speaking, however, they do their great Charter Oak Cooking Range, not lay much until they are a month ooked meal, followed by easy digestion, vigorous health, and a desire to have and to

Rev. T. P. Childs, Troy, Ohio has the only known means of Permanent Cure for this loathsome disease. A full Statement of his method sent free. CSRE yourself at Hom... No charge for consultation by mail. Address REV.T.P. CHILD'S TROY OHIO

Prof. J. P. Thomas' 615 WASHINGTON AV.,

Under Lindell Botel, and try one of his TURKISH OR RUSSIAN BATT



No. 5' Laced Husking Gloves, shielded

DISPENSARY.

Established 1847 at 12 M. 8th Street, ST. LOUIS, MD.
THE Physicians in charge of this old and well know institution are regular graduates in medicine at the charge of the

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COLMAN'S RURAL WORLD

NORMAN J. COLMAN.

ADVERTISING: 25 cen's per line of space; reduction on large or long time advertisements. Address NORMAN J. COLMAN, Publisher Of Olive Street, St. Louis, Mo.

Postmasters

and others are solicited to act as agents for the RURAL WORLD. The price is so low that nearly every farmer will subscribe for it, if his attention is called to its many merits as a farm journal. There is no doubt that every farmer who reads it will get hints worth to him ten times its cost every year. Every friend of good farming should lend his aid to increase its circulation. If \$2 are remitted the RURAL will be sent for one year, and the \$15 worth of books. to such addresses as may be sent. Both need not go to the same person or post-

Messrs, Morgan and Cotton of Camargo, Ills., sold to Col. E. C. Moore of Columbia, Mo., at the recent St. Louis Fair, five very fine Shropshire sheep. live stock men, and we are glad to see choice stock going into that county. follow the example set them by the farmers of Boone.

Missouri pasturage is splendid for November. Never have we seen such a growth of the grasses at this season of the year. No frost yet. Frequent showers and warm weather have put upon the earth a carpet of verdure. Live stock are doing well. If this warm weather continues a few weeks longer, it will do very much to repair the great damage sustained by the drouth.

The Mississippi River Improvement Convention was one of the most important meetings ever held in St. Louis. Its main purpose was to concentrate the improvement on the main channel of the river, and to have Congress pass an appropriation bill for its improve ment as an independent measure, withcut having it loaded down with appropriations for a hundred other streams of little national importance. We think the convention was eminently succes ful in this work, and the grandest resalts will flow from its action.

The pastures look fresh and green as in spring time. While the growth of the grssses must be watery and not very nutritious, yet the late vegetation is of great benefit to the stock grower. If this warm weather continues a month longer, stock may be considered Stock have been improving rapidly for the past three weeks. There has been no frost up to this writing. Wheat,

Artesian Well Boring.

EDITOR RURAL WORLD: The board of directors of the Northeast Missouri District Fair, have decided to have an artesian well bored upon their grounds, and would be pleased to have the address of parties engaged in that business. Please give us any information, or the address of any person that you strange, inconsistent and even idiotic may know, engaged in such business. Would be pleased to have your ideas of the feasibility of that plan of furnish ing water for stock on the grounds. Please answer through your valuable paper or by mail, and oblige the board of directors.

R. C. Risk,

Secretary of District Fair.

Williamstown, Mo., October 24. you would have to bore.

Correspondence.

COL. COLMAN: Please inform us if California barley (for seed) can be ob-tained in your city—of whom, and at what price. T. G. SMITH. Belton, Texas.

REMARKS-We think it cannot be had in this city or State, or short of Cali-

COL. COLMAN: Are the Catalpa trees that are quite common about St. Louis, those so highly recommended in many agricultural papers? Would seed fr them reproduce the same varieties? Would seed from R. S. T.

found out on Franklin avenue and the mines. Forthwith our congress that the tariff, so as to keep them out with when we wonder what we and our nine pounds penalty for being a Derby wingtook are to eat during the coming winner. June 16, he took the 8t James Palace They are known as the Georgia Catalpa, or the Catalpa Bignonioides, and bloom ers, who are worked like brute beasts, but little else to sell to purchase the Thousands of women have been entitled. full ten days later than the Catalpa starved, cheated, abused in every way; things we need.

Speciosa, so highly recommended. Seed who that knows all this, can be swinbut there was but little sown before

regularly received and read your richly laden pages in this land of ever-continuing summer, where the sweet blooming Jessamine opens its flowers at night, and millions more, can find profitable, easy,

Manatee county, Florida. COL. COLMAN: Will you please inquire through the RURAL WORLD, who has alfalfa grass seed to sell? I want to buy, and I suppose others do, but I vertisements too. H.
Irving, Ill., October 31.

Our Intersets.

For whom do we the farmers of the and cheap there, are naturally traded eign competition." to us who earnestly desire them. Our grain that is so abundant here, that we waste and even burn it, is exchanged the war began-a period of the greatest for things precious in our sight, but as prosperity ever known. Then, thirty ly instead of annually. abundant and cheap with them as our years after they had received this aid grain is with us. The American farmer. who lives poorly and in hardship, is ter he, the great father of American surrounded with things that are precious in the sight of people in other these factory men came into the Amerlands, who would gladly give him most ican Congress amid all the terror, conabundantly the groceries, coffee, teas, fine cloths, carpets, silks, mirrors, furniture and machinery, which are now too high priced to be easily within his reach. Close to us, comparatively, there are regions where these articles are so abundant and cheap as to be despised by even the poor. The most ragged Arab swills freely of coffee whose grains are precious as silver to the American, whose wheat and corn are in turn eagerly desired by the Arab. What a grand institution is commerce, which, for a mere trifle, transports commodities from where they are worthless, to where they are precious boons making all happy around them!

For ages the genius, the labor and art of man, have been occupied with the question, how to facilitate this commerce-how to make it easier, cheaper, speedier. In fact, the whole question rests on that thing of cheapness. And substantially half through the winter. when the problem has been solved to a large extent, in step a few American money lords and prevail on the American Congress to put a fine, tax or tariff rye, timothy, and orchard and blue on nearly every article of foreign mergrass that have been sown, have come chandise brought to our shores-thus producing, in consequence of the price up and made a good growth. Winter declaring on the one hand to the people of railway transportation. In short wheat is still being sown, and we think of the world, "you shall come here with a part of our toll goes to pay interest to those who have made their fortunes gold;" and to us, the farming, laboring goes to those who are now making forwill have these foreign luxuries, these groceries, carpets, cloths, silks, coffees, this machinery and furniture, you tific men the world over—is as much shall pay two or three times more for out of date as the Ptolemaic system of

acts done with deliberation. He has low, he has made war to settle questions easily settled by a few words; his surplus and to aid him in trouble, the same or to different persons or posthe has made waste, howling wilder-offices. REMARKS.-We publish your letter, nesses; as a savage, he has wasted his so that any one engaged in the business time in hunting for shells to use as horse, or the engineer had raised the meat grade of his road. When the tariff on The hay crop is not very good and mine was discovered on the Canadian ruined by the constant rains of the coast, so situated that the coal could be past month. Our cows are now very This year he ran second to Peregrine in the rolled from the mine right into the vesrolled from the mine right into the ves- lean; no doubt many of them will give sels. This enabled the shippers to bring their hides to the tanner before spring.

It into our ports, pay the fine (tariff). it into our ports, pay the fine (tariff),

THIRTY FOURTH YEAR the winds waft its fragrance all around happy employment for ages yet to come and soothes us to sleep; where the orange in our fields, forests and waters—producing ten thousand articles essential Grange met at Davis Creek hall on their ability.

order to force European manufacturers Eshbaugh to lecture. On motion a reto come here with their workmen, or to cess of one hour was taken for dinner, encourage our own capitalists to invest which was a very sumptuous one. The have not seen any advertised for sale, encourage our own capitalists to invest which was a very sumptions one. The and I have been looking for such advertisements too.

H. M. Kelly.

so many necessary things are neglected? while members and guests seemed to enjoy it work is so many necessary things are neglected? so many necessary things are neglected? very much. The Sisters of Davis Creek business that will not pay unless sup- Brother Eshbaugh to lecture, made the given me a constitution of iron United States grow so many millions ported by legislation? The time is following report: of bushels of grain, so many million coming when it will pay to open these pounds of cotton, tobacco, meat and mines, and to consume this coal and Grange Hall; second lecture at Mock's other articles? Surely not for our own wood. No tariffs will be needed. Henry school-house, in Freedom township; consumption. We produce our surplus Clay said the truth when he asked for third lecture at Prairie Church; fourth for the world as every one of ordinary a tariff of not our 25 per cent., in the lecture at Odessa; fifth lecture at Ferintelligence knows. How do the peo- year 1832, to last for nine years and be guson's school-house; sixth lecture at ple of other nations, obtain from us annually reduced 10 per cent., and re- Wellington. Your committee would by man." such products as they want? They do marked, "if the farmer cannot stand further reccommend that the services it by trading to us such articles as they this, let him come here to complain and of Brother G. B. DeBernardi be secured can make cheaper than we can. In a we will relieve him." Adding this, "what as soon as possible, and that he be re new country, where land is cheap and is the principle on which we ask for this quested to spend a week or ten days in fertile, agriculture pays better than aid? It is because our factories are the county, with a view of reviving the manufactures. In the crowded regions just starting and unable to stand alone. of the world, land is very high and After the accumulation of capital and Boone county has many enterprising mostly worn out, and it costs much skill, they will stand alone, unaided by more to raise a bushel of grain there government, in competition with imthan here. Labor, therefore, must be ported articles. Now, give us time-The citizens of other counties should cheaper in these crowded regions than for nine years-and they will sustain it is here. Articles that are common themselves in every branch against for-Yet nine years passed, and we had

> comparative free trade from 1847 till asked for by Mr. Clay-thirty years aftariffs, had begged for but 25 per cent .fusion and embarrassment of war, and demanded a tariff of from 80 to 160 per this, they have torn from this outraged people not less than six hundred purchased elsewhere, even at the same price. For a revenue tariff would have paid the debt and at the same time would have enriched our farming population by giving them higher prices for their products. But these billions of dollars, that should have gone to the who till the soil under a revenue tariff system, have, under a far different one, gone to less than one thousand citizens of New England, Pennsylvania and New York. No wonder that some two dozen ladies at a tea party could boast that the aggregate wealth of their husbands is over five hundred million dollars, as the newspapers are reporting. On the other hand, we can int right here, where this is written in the very heart of that which the the largest unbroken body of the most thousands of farms being eaten up with eastern mortgages, falling into dis-repair because the harvests of these soils do not pay for the cost o workings of this infamous system of the Rev. Jasper, whose text is, "the sun—it do move." Holt.

A most valuable present to any one, is the fifteen dollars worth of books adsold himself, he has enslaved his fel- vertised by us. Send us two dollars and get the RURAL for one year, and the books sent to such person or persons as rather than have neighbors to buy of you may designate. They may go to

Crops in Callaway Co., Mo.

COL. COLMAN: The season has been may address you. We cannot tell how money; as civilized, he employs a vast very unfavorable in this part of the doubtedly obtain it at some depth. If destroying fine agricultural lands, worth our corn was almost a complete failure. any artesian wells have been bored in more than the gold, in order to get that Many fields will not make a bushel of your section, they would furnish a very metal to use in place of the shells; in sound corn to the acre. Many car loads last May and the St. Leger, is a brown colt good criterion, as to the probable depth short, the wastes and burdens he in- of corn have been brought into the with a white stripe down the face, and white flicts on himself are infinite—but of all county at a cost of about seventy five around the coronet of the left forefoot. the foolish, inconsistent, destructive cents per bushel. The hog product will acts, this crippling of commerce takes be very small, indeed most of the hogs imported Leamington, son of Faugh-a-Balthe lead. Tis just as if the ship car-were taken from the county before they lagh by Sir Hercules, out of a daughter of cording to the published rules of all fairs. the lead. 'Tis just as if the ship car- were taken from the county before they penter, having made his ship for speed, were fatted. We are obliged to buy had blunted the prow lest it sail too corn to feed the few hogs that every fast-as if the horse racer had lamed his farmer thinks necessary for his own

coal was less than it is now, a great the corn fodder has nearly all been

REPLY.—The Catalpa trees that are and undersell our own lords of the damaged since it was threshed. Very over the new Ascot course, about one mile found out on Franklin avenue and the mines. Forthwith our Congress raised few of us are able to keep cheerful faces

Speciosa, so highly recommended. Seed from either variety, quite uniformly reproduces itself.

Col. Colnan: It is many months dustries shall be compelled to find footing and be as mild as possible when he comes. Such seasons should teach us comes. Such seasons should teach uto be better prepared for the future.

CALLAWAY FARMER.

Lafayette County Grange.

EDITOR RURAL WORLD: The County trees grow, bloom and bear golden that to please the eye and tickle the palate of their to the eater, and fill the pockets of their to the very lives of the poor unforthe eater, and fill the pockets of their to the very lives of the poor unforthe eater, and fill the pockets of their to the very lives of the poor unforthe tendency. They begin to tunates crowded in the narrow streets, being present, the grange proceeded to business. Worthy Master Catron stated bear in from five to seven years old lanes and factories of Europe. If factories that Brother Eshbaugh had consented tories are needed, let them grow up that Brother Eshbaugh had consented from the seed. Our soil here is rich enough to grow them without other aid than working them in cultivating farm naturally. Our agricultural capacities to spend several days in this county, to than working them in cultivating farm lecture to the various granges in the crops. We have plenty of United States have not yet been developed, either in lecture to the various granges in the county. A committee was appointed variety or extent, the one-tenth of county. A committee was appointed their ability. the land with such enormous taxes in Wm. T. Gammon on places for Brother

grange work in the county.

Brother Armstraut offered the following resolutions, which were adopted Resolved: 1st, That we believe that a detection force can be found under the auspices of the State Grange.

Resolved: 2d, That we will use our united efforts to bring this matter before the State Grange at its next meet

Brother Gladdish offered a resolution to have the State Grange meet biennial-

The next meeting of the County Grange will be held with Prairie Grange, on the second Tuesday in January, 1882

L. B. GORDON, Corresponding Secretary.

"Life and Work of Garfield." A memorial volume with above title, by the popular historian, John Clark RIDPATH, cent., and got it; and from that day to LL. D., is announced in press by Jones Brothers & Co., of Chicago. It will gratify our readers to know that a writer of Dr. Ridmillions of dollars every year, paid to path's acknowledged ability has undertaken them for goods that had far better been this great biography, for it is not only guarantee of faithful performance, but of a production of more than ordinary brilliancy and power. He will give us the work of man who knows his abilities and possesse But these billions of the rare faculty of using them to the best advantage; therefore we feel assured that this book will prove to be in striking contrast with the crude complications so industrious ly advertised by small publishers, which are made up in great part from the matter in the tended to be permanently valuable, but were written to answer a purpose only then present. Now the people of the country for a biography which analyses and asserts the qualities and characteristics of the great dead as examples to the living-for a pe vices and tragic death endear his memory to every American. We are convinced that this work by Dr. Ridpath will prove to be just the superintendent, and he told him that

Organs and Pianos.

A great opportunity is now offered our readers to buy pianos and Organs at extremely low prices. Attention is of the world, "you shall come here with to those who have made their fortunes of the ships and buy our products for goes to those who have made their fortunes and the remainder goes to those who have made their fortunes out of us in the past, and the remainder goes to those who are now making formal distribution. Daniel F. Beatty, Mayor of Waships and to us, the farming, laboring goes to those who are now making formal distribution. Daniel F. Beatty, Mayor of Waships of the United States, "if you workings of this infamous system of the United States, "if you workings of this infamous system of the Workings of this infamous system of the Workings of this infamous system of the Workings of the Workings of this infamous system of the Workings most suitable holiday present, and we workings of this inframous system of most suitable industry present, and we protective tariffs—a system that is as advise those who wish an instrument to much derided and laughed at by scien. And we consider from Mr. Beatty. Read his advertised take the dispatch to Mr. Charles I. Hunt the dispatch to Mr. Las Vegas Gazette says: Capt. J. G. Clandrick and the beatty of the beat order from Mr. Beatty. Read his advertisement carefully.

Of all the despicable and loathsome things found on this American soil, this aristocracy of wealth is the most This aristocracy of money - money stolen, too, nine times out of ten, from the hard hands of toil. This insipid and brainless aristocracy wealth, that lightly talks about the "lower orders," forgetting that in almost every case their own fathers began with the sweepings of office, and where, very often their own children will end.-Coffin.

It is worth remembering that nobody en joys the nicest surroundings if in bad health. deep you might have to bore to obtain army of able-bodied workers in tearing State. It was so dry in July, August Parker's Ginger Tonic would do them more annuly of water, but you can un-There are miserable people about to day have ever tried. See adv.

> around the coronet of the left forefoot. He was foaled in 1878 at the Edenteim stud of Both are friends and I have no interest in judged and competed in the Chicago and Pantaloon; dam Maggie B. B., by imported Australian; second dam, Madeline, by Bos-ton; third dam, Magnolia, by imported Glen-He is a full brother to Harold. Last year, as a two-year old, he was sent to England by his owner, Mr. Pierre Lorillard, an in that form he ran a good race with Bal Gal in the July stakes and demonstrated great speed in the Chesterfield stakes last year.

Thousands of women have been entirely cured of the most stubborn cases of female weakness by the use of Lydia E Pinkham's Vegetable Compound. Send to Mrs. Lydia E. Pinkham, 233 Western Avenue, Lynn, Mass., for pamphlets.

An eminent physician has said: "Mut- to Mr. Darnell's pen. His entry was the ram ton ought universally be substituted Grey Prince and five yearling ewes. I put for pork. It is more easily digested and the same questions to him that I did to the

Mr. Michael McCann, a well known and bas." popular manufacturer of Syracuse, N. Y., anapolis." "If you wished to enter them as writes: "I felt generally debilitated and my health failing me. I longed and prayed for chase them, why did not your brother come heir ability.

Consisting of H. C. Chiles, Jos. F. Shared, why then burden the agriculture of the land with such enormous taxes in the land with the land with such enormous taxes in the land with such enormous taxes in the land with the nervous prostration, had gotten hold of me, came up the alley between the pens and asked and I felt my time had come. Nothing seem.

Mr. Darnell when they purchased the other ed to give me any permanent relief. Finally two ewes of Mr. Hodgson, telling him that I happened to see an advertisement of he staid over night with Mr. Hodgson in the Brown's Iron Bitters. 'Bless me,' says I. month of August and that Mr. Hodgson told that's just the medicine for me precisely.' him that he had sold Mr. Darnell three one-Why waste our iron ore, our coal and Grange furnished the repast, After wood, and tax ourselves to encourage dinner, the committee on places for land so it was. By the powers of old Ireshear ewes, and that he had sold Mr. Darnell three one shear ewes, and that he had sold Mr. Darnell three one shear ewes, and that he had sold Mr. Darnell three one shear ewes, and that he had sold Mr. Darnell three one.

avenue, this city, was cured by St. Jacobs answer. Mr. Strawn did not open the con-Oil after sixteen years suffering with rhen-

Mr. Gladstone says: "The American Union has territory fitted to be the base of the largest continuous empire ever established



Edited by R. M. Bell, of Brighton, Ma ng to this department should be addressed.

Sheep Premiums at the St. Louis Fair. An exhibitor has the following to say in the Farmers' Home Journal, about a certain the premium went to the Sorb/ Brothers, premium on sheep at the St. Louis Fair:

Let us now investigate the workings of the

premiums. Leaving them and the public to judge, I will give facts as brief and plainly as possible, and ask if they can say that justile was done. What I am about to relate oc curred in the sheep department-class C, ed show—best flock of one ram and five of his lambs. Mr. C. F. Darnell, of Indianapolis, entered ram and five ewes, making as he says affidavit that they were as represented by him to the best of his belief and quired to do. While the judge was examinpen and proclaimed in the presence of the judge, while in the very act of judging that flock, that they were not as Mr. Darnell represented. The judge asked Mr. Darnel these ewes were the get of said ram. His answer was that his brother then in Indianson, of Canada, bought the sheep, that they were lambs of in connection with men of means, has com-that ram. The judge (who I will here state menced the manufacture of schatkase—sheep is a perfect gentleman, and no one can censure him in the least) reported the case to in all good qualities and highly prized by the superintendent of the sheep department, those who know its merits. But think of and he told Mr. Darnell that he would give the American airy maid milking sheep him until 12 o'clock the next day to prove The operation is similar to that of ordinary what he had asserted to be true, not even re- cheese making, and the enterprise has been quiring the complaining exhibitor to make commenced with two hundred sheep, which an affidavit to what he had asserted; but he number is to be increased to five hundred or put the burden of proof entirely upon Mr. a thousand. Hereafter we must come Darnell, which was contrary to any protest I the milking qualities of our sheep, as well as have ever heard of. In fact, there was no their productiveness in mutton and woolprotest that Mr. Darnell's sheep were not The South. what he had represented, but these were assertions of a contending exhibitor.

his brother in Indianapolis, Hodgson, of Canada, asking for proof, re- 000 head. ceiving an answer from his that he had such a written statement from Mr. Hoogon. Mr. Darnell showed this despatch to that was not proof enough. Not yet getting an answer from Mr. Hodgson, and his limited time, 12 o'clock the next day, having come around, Mr. Darnell was left in the lurch. He was branded, as far as that association Charles L. Hunt, the director of the sheep department, and try and get him to rescind his order, which I did. Mr. Hunt coolly re plied after reading Mr. Hodgson's telegram that it was too late; the time had expired. But after some argument as to the justice of the case, he consented for Mr. Darnell to en-I will here state that the judge told me that Mr. Darnell was entitled to the prize, and would have won it had it not been asserted that the sheep were not as repre I now candidly ask Mr. Hunt if he thinks

Mr. Darnell immediately telegraphed to his

he has done Mr. Darnell justice. If so, then I will say that his ruling as a director is con-trary to any decisions I have ever known rendered at a fair. Mr. Darnell made his affidavit just as all the other exhibitors had done, and if any one doubted Mr. Darnell's statement it was his place to protest and prove that the sheep were not as represent ed. Yet Mr. Hunt required proof of Mr. Darnell, and after he brought it, which was not required of any other exhibitor, coolly replied, "it is too late." I would have Mr. Hunt and the public know that I am not any more interested in Mr. Darnell than I am in

To this communication Mr. K. H. Allen letter to Col. C. L. Hunt, as follows:

LETTER OF F. H. ALLEN.

Mr. Chas. L. Hunt: Dear Sir-The gentle Home Journal about western fairs, is a little ter and are more profitable. nistaken in regard the Darnell sheep entries If any one is to blame in that trans is myself and not you. I will state the facts as briefly as possible.

After my two days handling all the longwools, entered in their different classes, you clerk said that I was all through excepting one class viz: "The best flock of one ran and five of his get"-three entries, Strawn's, Sorby Brothers' and Mr. Darnell's

Now I wish to say that this premium more than three times as much as any other of one family (i. e. one ram and five of l is pills, enough to "turn one's stomach." Had get) and not to be mixed up in two or three Macbeth ever taken Dr. Pierce's "Purgative families, as is the case with other classes. I Pellets," he would not have uttered those determined at once to move with extreme words of contempt. By druggists. "I notice that the girls in our tobacco fac-tory have struck for higher wages, and the old man has bounced them. We must have

Cantion, and to be sure, if possible, that the six sheep entered were all of the same stock.

Howe Scales are guarantee old man has bounced them. We must have pen was the Sorby Brothers'. I then came LECE & Co., General Agents, St. Louis, Mo.

for pork. It is more easily digested and may be regarded as a healthy meat." other gents. "Did you breed these sheep?" Some of the sheep raises of Texas should pay more attention to the raising of muttons. There is now a good market and this branch of the business should not be neglected.

The same questions to him that I did to the same years of these sheep?" "Who did?" "Mr. Hodgson of Canmuttons. There is now a good market "No, my brother did." Are you sure that these five ewes are the get of this ram?" "Yes." "Have you a statement of breeding from their breeder?" "No, but my brother from their breeder?" "No, but my brother from their breeder?" "No, but my brother from their breeder?" "In India. "Where is your brother?" dinner, the committee on passing the ones are in the Brother Eshbaugh to lecture, made the following report:

The St. Louis Globe-Democrat says: Mr charles and the prairie of the passing the ones are in the sold to be shipped to Mr. Darnell. I have asked Mr. Darnell when his brother brught the other two ewes, and received no definite answer. Mr. Strawn did not open the cono Mr. Darnell's sheep, or come near de. Darnell's pen until I had ordered my assistants to take the number of their ear-labels, preparatory to referring the case to you. Mr. Strawn acted the part of a dignified gentle. man in every respect, merely asking Mr. Darnell when they purchased the other two

On referring the matter to you, you said give them until to-morrow noon to bring sat isfactory proof by telegram from Mr. Hodg-son of their breeding. Mr. Darnell accepted the terms, said it was all right, they would have it. I made out the cards; Darnell stood first, Sorby Brothers second, Strawn third. You kept back the ribbon from all the longwool breeders from 4 o'clock Wednesday until 1 o'clock Thursday, instead of 12 o'clock, in order to do all parties justice. Of course and you had fulfilled your part of the agreement, and how could you in justice take the sociation a little in their mode of awarding premium from the Sorby brothers next day. did not intend to question the honor of the Darnells. Their sh hands of the breeder nor the person that bought them of this breeder. were in the third person's hands without certificate of their breeding from their breeder. Mr. Darnell bimself admitted that he ought to have had the certificate before he exhibited the sheep, and he said he would have it before 12 o'clock the next day. As knowledge, just as other exhibitors were re. the case stands I cannot see that any one is to blame but themselves. The Darnells were ng his flock another exhibitor came in his treated fairly and squarely in every particu-O'Fallon, Mo. tfuly,

A Sheep Dairy.

Chattanooga, the very enterprising Ten-essee city, has in its suburbs a monopoly, apolis, had a written statement from Mr. so far as this country and continent is confrom whom he had cerned, in a sheep dairy, where an Austrian, cheese-a luxury far surpassing cow chee

The decrease of sheep in Great Britain during the past two years foots up to 3,000, In northern Colorado 1,900 sheep, out of a

herd of over 2,000, died from the effects of sating a poisonous milk weed. Las Animas (Colorado) Leader of Septem-

ber 30th, says: Kellogg & Son have contracted to sell about 2,000 head of sheep to J. D. Mitchell.

Caldwell (Kansas) Commercial says : Since

cy, of Puerto de Luna, has brought seventy-mne Merino rams from Vermont for his ranch on the Pecos. The lot comprises the tinest rams ever brought to this territory. the paid from \$50 to \$100 a piece for thelot and selected them with great care from the tamous stock of Vermont, the register of which has been kept for the last seventy-five vears.

Some idea of the immense flocks of sheep owned by "squatters" in New Zealand, may be interred in the following, mentioned in a recent government Gazette, published at Canterbury, N. Z.: Robert Campbell has 386,1860 head, Dalzell & Co. 208,000, George H. Moore 90,000, Clifford & Wood 80,000, Mr. Ketchum 80,000, Mr. McLean 50,000, Wm. Robinson 68,000, Sir Dillon Bell 85,000.

At the St. Louis Fair recently attended by the editor of the American Cattle Journal the expert system of judging sheep was used. As an instance of the value of this nethod over the old way of "cornering" the judges, we observe that the report, by Mr. K. H. Allen, the expert in the medium wool class, gave the first prizes as a rule to the other shows against the most rigid inspec-tion. The best breeders favor this kind of judging.-Rural Nebraska.

A great many California sheepmen who, as expert, reported on the merits of are in Texas, some of whom are already long-wooled sheep, replies in the following engaged in the business and others are prospecting with a view of engaging in it in the near future. It is the almost unanimous verdict of these practical men that Texas is a better sheep counan that penned the article in the Farmers' try than California—that sheep do bet-

The sheep interests have suffered less from the drought this season than any other in Texas, which proves it to be the surest and

best business in the state.—Texas Wool. So in all the states and so it has always been, and always will be. It is a fact.

"Throw Physic to the Dogs, I'll None of It."

We do not feel like blaming Macheth for premium in the Steep Department; it also this expression of disgust. Even nowadays required the breeding of six sheep to be all most of the cathartics are great repulsive of one family (i. e. one ram and five of) is oilly enough to "urn one's stomach." Had

Howe Scales are guaranteed in every par-

of and the ser cal

an human of interest in the second of the se

Che Cattle Pard.

Cattle Raising in South Amarien. I have visited the provinces of Parana G zette. and Rio Grande and the State of Montevideo, and what I have to say relates only to those regions. Being neither an agriculturist nor a zootechnist, I have prices now in Scotland than Shorthorns. At a late sale a cow brought how those cattle which are described as half wild, and are without any apparent direct relations with man, have only in Scotland but in England.

all these countries the life of the cattle is wholly free. The stock-raiser, or estancier, is the owner of a very extensive tract of pasture land, and he leaves the animals to live upon it, feed themselves, and multiply at their will. The stock even in the wildest and least populous regions, form small herds of from one hundred to one hundred and fifty head, which are made up of steers, cows calves and bulls; but are always composed of the same individuals, and always inhabit the same very limited region of the campo, and the animals pass their lives within this region without being confined by any inclosure.

The distinctive character of the groups is especially curious in the more populous regions, as the southern parts of Rio Grande or Montevideo, where herds may be seen almost in contact without mixing, coming together and

thing else.

The immense herds, now aggregating without mixing, coming together and making themselves up generally without trouble; and they live thus side by side for years without becoming acquainted with each other. Each herd is so coherent that, when one of its members takes fright and runs away, all will follow it. In consequence of all will follow it. In consequence of this habit, all will follow it. In consequence of this habit, it is very difficult, when cattle are sold, to separate them watched, they will escape, pass by thousands of other animals without no-ticing them, and join their companions again.—M Couty, in Popular Science Monthly for October.

in your first issue for 1882, or as soon thereafter as possible, a list as full as

grees, so as to enable me to classify per-formers under their sires, and in a more general way by families. This will add

much to the value of the tables.

annu il loss to the State of Nevada of a hundred thousand dollars by the branding of cattle and horses. The hide is so bidly cut up and seared that a loss of from 50 cents to a dollar apiece is incurred. Old marks cost the hide about four bits and fresh burns that have not yet healed are at least a dollar's damage. If a brand is laid on the animal's ribs, it spoils a whole side of leather, and yet it is done by a great many intelligent stock men. They say they can see it farther. There has got to be such a man has to nearly murder a "critter" in which he has placed stock and share the stock men and the stock men. They say they can see it farther. There has got to be such a man has to nearly murder a "critter" in which he has placed stock and sheep stretch them. order to mark it so as to be able to hold it. There is so much abuving and sell ing, so much driving of bands from Oregon, M-xico and Texas, that confusion worse confounded seems to reign. It is not an unfrequent thing for catle de ders to have brands on their ranches coming rom half a lozen different places and when they come to add their own brands to those inflicted when the brutes were yearlings, the animals look like Japanese puzzles. It used to be considered sufficient to use an iron with the County Recorder, and was well known all over the State. Some would have an ear mark; others a dewlap, and so on. Now, almost everybody has a branding iron of some sort, and all the other marks too. A Gazette reporter saw last week on a ranchin Elko county a cow that had a big brand on the hip, another on the ribs, one ear was cut so that a strip hung down and a noint.

had to limit myself to incomplete ob- 225 guineas, or \$1,125, and others, with gervations, and have endeavored to see buils, from 42 up to 180 guineas. The

been able to adapt themselves in a definite manner to the different conditions of their life.

Nothing can be more interesting than milker than the white horn; while the crumpled horn is there now as it was to study those conditions in which cat-crumpled horn is there now, as it was the live and are propagated without nearly a century ago, a fivorite form. stables and without an assured supply of food; nothing more instructive than the cheery about the time of heat and time.

Portugese brothers, named Goes, took to the Spanish colony there in 1558. It is only within a few years that an effort has been made to improve the much depreciated stock of the country. As yet only a few cattle near Buenos Ayres have been crossed with Short-horn Portugese brothers, named Goes, took to the Spanish colony there in 1558. It from the herds and to get them along for the first few leagues. If they are have been crossed with Short-horn breads breeds.

The public-school law passed in Austria in 1869 provides that "in every school a gymnastic ground, a garden for monthly for October.

Milk Tests in Jerseys.

Maj. Campbell Brown of Spring HillTenn., says, in the Country Gentleman:
With your permission, I shall publish
in your first issue for 1882, or as soon and that the teacher shall make himself skillful in such instruction." The gen-

to the growing interests in the hornless breeds of cattle, and are pleased to find a helpmeet in the Kansas City Indica-Cattle Branding.

Cattlemen estimate that there is an munual loss to the State of Nevada of a control of the State of the State of Nevada of a control of the State of the Sta

man has to nearly murder a "critter" in order to mark it so as to be able to hold it. There is so much buying and sell may know that they are well and hearty. When they chert the cold too. When cattle and sheep stretch them-

and cooking is advantageous, but ground at the best, viz: corn and oats is a more popular feed.

of the profit in horse breeding in that State:

There can be no question in the mind of any one well acquainted with the breeding and growing of horses, who examines conditions which make for success in this business in this State. but that horses, of any breed or family, telligent horseman "cut" the figure telligent horseman "cut" the figure can be bred and be grown for market more cheaply than in any other section of the country. I have given this subject the careful examination it decattle, sheep and swine growing in this ing and growing horses here that either militates against the surety of success

or causes it to be other than a MOST PROFITABLE thereafter as possible, a list as full as an make it of all Jersey cows in the United States and Canada having well-authenticated records of 14 pounds or better per week. Enough interest has been shown in the very incomplete been shown in the very incomplete their matural history is indispensable to sultable with the importance of such a list is appreciated by breeders. As the undertaking slikely to require more time than I can by griving me, as promptly as possible, by griving me, as promptly as possible, and make a bad bargain, the purchaser of the conduction. The general law declares, "Instruction in the willing to sell, is a great rarity, and can be willing to sell, is a great rarity, and can be willing to sell, is a great rarity, and can be only obtained at a high price. With this state of affairs existing, no argument is necessary to prove that a field of enterprise is open to our agriculturists, highly remunerative in character, and which should be promptly as ceptimally of enterprise is open to our agriculturists, highly remunerative in character, and which should be promptly as ceptimally of the Gentlemen's 20, at the track of the world over. The rapid construction and for horses is on the increase the world over. The rapid construction and for horses is on the increase the world over. The rapid construction and for horses is on the increase the world over. The rapid construction and for horses is on the increase the world over. The rapid construction and for horses is on the increase the world over. The rapid construction and increase the world over. The rapid construction and increase the world over. The rapid construction and table with the state of affairs existing, no argument is stated to have driven Wm. H. Hands of the world over. The rapid construction and increase is stated to have driven Wm. H. Hands of the world over. The rapid construction and table world over. The rapid construction and table world over. The rapid construction. The remainder of clause the world over. The rapid construction

told by plainsmen that

herds of wild horses, numbering thouplined men, and whosecareering charge across the plain was, in majesty of mo-I have, myself, sat in my saddle, in the cool, dewy morning, never, as it seems

in front from the throat, and a chunk of skin had been cut out of the cheek and hung down beside the jaw. The conundrum suggested itself where the corn yields a rich crop to help out the short pasture of July and August. A good crop of oats is specially desirable for horses and sheep. Our standard are bringing higher prices now in Scotland than Short-prices now in Scotland than Short-prices now in Scotland than Short-prices and sheep. At a late sale a corn known in scotland than Short-prices and sheep and cooking is advantageous, but ground at the best cross if the breeder aims and cooking is advantageous, but ground at the best, viz:

THE MOST PROFITABLE RESULT.

It is poor economy to postpone the regular heavy feeding of hogs intended for the slaughter until cold weather. They fatten more easily and during the mild weather of October than in the usual cold of December and January. The first cold spell after the middle of November should find them fat enough to kill, and they should all be in the smokehouses before Christmas. It is likewise poor economy to stint food and stop short of a good fat condition because corn is scarce—while to study those conditions in which catched live and are propagated without stables and without an assured supply of food; nothing more instructive than to observe how the time of heat, and consequently of births, the proportion of the young, and even their survival, are differently regulated according to the character of the country, in consequence of different physical conditions, Nothing, moreover, can be more curious than to study the habits of these supposed wild cattle, to see them living in isolated societies, possessing real notions of what is belonging to them, and each missing to the Nothing more over, can be more curious than to study the habits of these supposed wild cattle, to see them living in isolated societies, possessing real notions of what is belonging to them, and each missing to the Nothing more over, can be more curious than to study the habits of these supposed wild cattle, to see them living in isolated societies, possessing real notions of what is place. These facts are of further importance, because they have served for the empirical basis of an importance, because they have served for the empirical basis of an importance because they have served for the empirical basis of an importance solution to the provided of the provided and the provided of t ton Herald who seems to be posted \$30 per head. Such stock would com-writes the following upon the subject mand here from \$150 to \$200 each for driving, family, livery stable and saddle use, and this regardless of any speed, beyond a fair read gait. A farm stocked

TWO HUNDRED BROOD MARES down lower. I consider the business of breeding and growing fine—viz, sound, peautiful and speedy horses, as destined in the near future, to be the business of

southwestern Texas.

The conditions are all favorable to an building of their structure; oat lands that yield from 50 to 90 bushels per acre. State is often attended with great diffi- soils to which the famous alfalfa is a culties and, because of attendant cir- native and in which Swedish turnips

Demand for Good Horses.

There has seldon been a more urgent demand for good, serviceable business parexellence and the visible supply has seldom been smaller. There is everywhere an earnest the largest per cent. of profit to the investor of any class of breeding that can be engaged in. I will briefly lay before the readers the reason for the above statement, which may be startabove statement, which may be start- willing to sell, is a great rarity, and can

the names of all cows entitled to appear in this table, with their best records, observing the following points:

1. No record of less than 14 pounds an entire week, will be published.
2. Give the date of the person making it, and the name and residence of the present owner of the cow.
3. Tests made on the Island of Jersey of Egand, will be published in a separate table, if sufficiently authentic series, so as to enable me to classify person, sa or frequently made reference to the growing interests in the hornless of farms took was never better than it gross, so as to enable me to classify person.

3. Tests made on the Island of Jersey of a support of farm stock was never better than it row is.

4. Give extended or tabulated pedicate of the present owner of the cow.

5. Give extended or tabulated pedicate of the present owner of the cow.

6. Give extended or tabulated pedicate of the present owner of the company to the published in a separate table, if sufficiently authentic to a pear in this table, with their best records, observing the than the purchaser and not served the whole direct of the present owner of the cow.

7. Tests made on the Island of Jersey of depression, sacrificed their herds for a song, will now see their error. The horse is that the breaders who, in the days of depression, sacrificed their herds for a song, will now see their error. The horse is the prime Minister, and the hornless of the cow.

8. Give extended or tabulated pedicated with the published in a separate table, if sufficiently authentic to appear a sufficiently authentic bounds are prime to forther the whole deeder a short-horn cow, in calf to appear a price beyond question. There will never be beyond question. There will never be done to a strict the whole the whole the whole deeder a short-horn cow, will advise the world's dependent and the property during the whole of the propenty during the whole the matter to drop. In due time beyond question. There will never be done to district the whole the whole the whole the whole the horses; every class of horses can be bred and grown here to perfection. The climate and soil are of such a quality out on a still hunt for a good "tony" of Thompson's Sterling, dam by Deflance, out on a still hunt for a good "tony" of Thompson's Sterling, dam by Deflance, or for a proof of the still hunt for a good "tony" of Thompson's Sterling, dam by Deflance, or for a proof of the still hunt for a good "tony" of the sti that they provide the best possible conditions of development. Indeed, Texas mare, from which he might safely in-

> and unassisted by man, might be able to give him. It proves a most kindly slow horse, of no pretension to style or in 1881.
>
> and beneficient one indeed. And with movement, can be found for sale in very Bones. slow horse, of no pretension to style or movement, can be found for sale in very moderate numbers, and at prices that will make the purchaser squirm; while the animal with stately mien and good action can be obtained at rare intervals. The period of agricultural and business depression has passed away, and an era of business prosperity has dawned upon the country; and in consequence, a live.
>
> In 1881.
>
> Bonesetter, bay horse foaled 1871, bred to wrainly breds by Brooks, dam Jenny by Adam's L. W. Jerome's stable of thoroughbreds were sold at auction last week in New York. The prices realised with the new owners, were as follows: Blue Lodge, 4 years, and Wedgewood Alexander and Bonesetter the same the country; and in consequence, a live.
>
> It is yet too early to predict how many and what teams will compete.
>
> L. W. Jerome's stable of thoroughbreds were sold at auction last week in New York.
>
> The prices realised with the new owners, and the prices realised with the new owners, and an era of business prosperity has dawned upon the country; and in consequence, a live. in nan a century the main a century the plain had spread his offspring over the will make the purchaser squirm; while rtile country in herds numbered only thousands, and become a synonym of sauty, speed and courage. I have been ld by plainsmen that
>
> FORTY YEARS AGO
>
> and become a synonym of action can be obtained at rare intervals. The period of agricultural and business depression has passed away, and an era of business prosperity has dawned upon the country; and in consequence, a liverage true descendants of the Moories. sands, true descendants of the Moorish ly demand exists for the numerous arbarb—"a stream as pure as the fount ticles, which, in time of dull business ticles, which, in time of dull business whence it flowed"-might be met with activity, are correspondingly dull. Prom on the prairies of Texas, divided by inent among such articles of property their leaders into bands of "fitties and is the staunch business horse, of good hundreds," the whites, the blacks, the bays, the roans, the parti-colored, each in squadrons by themselves, whose movements had the precision of disci price for such is increasing in an inverse ratio. Even the clumsy, lubberly animal tion and terror of sound, as when an is held, and finds sale at \$150 each, and accient army rushed headlong to battle. teams are now being sold at \$300 and

upwards.
These facts speak in language more but especially the latter, require in a greater degree than their equine and bound of salt added and let in the special point of some sort, and all the born. Now, almost everybody has a greater degree than their equine and branding iron of some sort, and all the born. The other ear had a big brand on the ribs, one ear was cut so that a strip hung down and a point stuck up, and another section main-standing branding brandin

Of Interest to Wool Growers.

LADD'S TOBACCO SHEEP DIP IS NOT POISONOUS, and may be used with period safety to the animal and those applying it. It is guaranteed an immediate cure for scale at deprevention of infection by that terror to flock masters. GUARANIED to more than repay the cost of application by increased growth of wool GUARANIED to be improve the texture of the fleere, instead of injury to it as is the resu to the use of other commonues. GUARANIEED to be the most checked and after remeity ever offered to American wool-growers. We have the most undoubted testimonials corroborative of the above. Certain Cure for Sarb and Vermin at any season of the year. No Flock Master should be without it, it can to more than many unreleable preparations salvertised for the purpose, the priven a PERFECT SUCCESS WHEREVER USED. Its sale exceeds all other Dips combined, because it is the best. The leading flock-masters from Dakots to the Gulf unite in pronouncing it the ONLY CERTAIN CURE. FOR SUAB AND VERMIN to be obtained. Send address for our new pamphlet containing testimonials, larest nethods for treatment of Scab and Vermin, plans for dipping, apparatus, etc.

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And we now have a large assortment of them in stock, of Choice and Elegant Fabrics, made as only we can make them, and in price from \$18 to \$30. Come and see them.

THE GOLDEN EAGLE.

S. W. cor. Fifth and Pine, St. Louls.

DANIEL C. YOUNG. Manager.

Trotting Records.

The trotting records afford much food for reflection and study, and it is a refor reflection and study, that is agent sold ses in two days, and nays to depend on the large number agent sold ses in two days, and nays to depend on the large number agent sold ses in two days, and nays to depend on the large number agent sold ses in two days, and nays to depend on the large number agent sold ses in two days, and nays to depend on the large number agent sold ses in two days, and nays to depend on the large number agent sold ses in two days, and nays to depend on the large number agent sold ses in two days, and nays to depend on the large number agent sold ses in two days, and nays to depend on the large number agent sold ses in two days, and nays to depend on the large number agent sold ses in two days, and nays to depend on the large number agent sold ses in two days, and nays to depend on the large number agent sold ses in two days, and nays to depend on the large number agent sold ses in two days, and nays to depend on the large number agent sold ses in two days, and nays to depend on the large number agent sold ses in two days, and nays to depend on the large number agent sold ses in two days, and nays to depend on the large number agent sold ses in two days, and the large number agent sold ses in two days, and the large number agent sold ses in two days, and the large number agent sold ses in two days, and the large number agent sold ses in two days agent sold ses in two days. serves of any American who undertakes to point out to his countrymen any source of prosperity, and am free to declare that, while the business of liarly adapted to their taste and the up to declare that, while the business of liarly adapted to their taste and the up to declare that, while the business of liarly adapted to their taste and the up to declare that the business of liarly adapted to their taste and the up to declare that the business of liarly adapted to their taste and the up to declare that the business of liarly adapted to their taste and the up to declare that the business of liarly adapted to their taste and the up to declare that the business of liarly adapted to their taste and the up to declare that the business of liarly adapted to their taste and the up to declare the business of liarly adapted to their taste and the up to declare the business of liarly adapted to their taste and the up to declare the business of liarly adapted to their taste and the up to declare the business of liarly adapted to their taste and the up to declare the business of liarly adapted to their taste and the up to declare the business of liarly adapted to their taste and the up to declare the business of liarly adapted to their taste and the up to declare the business of liarly adapted to their taste and the up to declare the business of liarly adapted to their taste and the up to declare the business of liarly adapted to the liarly only eleven stallions. St. Julien, with only eleven stallions. St. Julien, with Trinket was driven by John Turner, stephis 2:1114, stands at the head of the ping out boldly and freely. No fault could record for geldings, and Maud S. with record for geldings, and Maud S, with 2:1014, stands at the head of the mares: 2:1014, stands at the head of the mares; no match for St. Julien, who won in three and this is also the best time on record straight heats. Yet the mare trotted fast Of the mares that have trotted better enough to make the heats interesting, and than 2:20, eight out of the twenty were even exciting. Every heat she was so close

record 2:18%, made at Chicago, 1il., in Wedgewood, brown horse foaled 1871.

cent trotting meeting at Pittsburg, Pa. \$325. Mr. Kittson; Cadeau, 2 years, \$325, D. -Kentucky Live Stock Journal.

St. Julien and Trinket.

horses and admirers of good trotting turned their faces toward Fleetwood Park this afternoon, and soon after 12 o'clock the ave- son of the year will pay better than a little with road wagons and other vehicles. The and shorts, with a little skimmed milk added stream becan to turn toward the gates long if convenient, given to the foal morning, before 3 o'clock, the hour appointed for the sport, the attraction being the meeting of St. a handful of oatmeal and the same quantity Julien and Trinket. Trinket made 2:14 on of shorts or middlings into a pint of boiling this track in trotting against time last month water with a pinch of salt added and let it

that her condition was perfect, but she was than 2:20, eight out of the twenty were bred in Kentucky, Maud S, So So, Trinket, Croxie, Lady Thorne, Lucille, Golddust, Lula and Protiene.

Of the eleven stallions who have trotted better than 2:20, six out of the eleven were bred in Kentucky, and the

sible exception of Trinket, who is reporte have shown a mile recently in 2:14, there is apparently no horse to take their place.

The first great turf event next season will might, with truth, becalled the natural, as it was the first home of the horse on the American continent. Here the high-bred Moorish horse, accustomed in old Spain to every care and attention, was left by the vicissitude of fortune to such treatment as nature, undirected and unassisted by man might, he able.

Wedgewood, brown horse foaled 1871, bred by A. J. Alexander, Spring Stable of the horse of the will not be very long, if endowed by Woodford, record 2:19, made at Hartford, Conn., in 1880.

Alexander, black horse foaled 1874, by Woodford, record 2:19, made at Hartford, Conn., in 1880.

Alexander, black horse foaled 1874, borded at Hartford, Conn., in 1880.

Alexander, black horse foaled 1874, bred by John H. Lamb, Jerseyville, Ill., bred by John H. Lamb, Jerseyville, Ill., by Belmont, dam Woodbine, by Woodford, record 2:19, made at Hartford, Conn., in 1880.

Alexander, black horse foaled 1874, bred by Hond H. Wesley P. Balch, of this city, has been double team race for a purse of \$10,000 which Mr. Wesley P. Balch, of this city, has by Woodford, record 2:19, made at Hartford, which which he adule is a double team race for a purse of \$10,000 which Mr. Wesley P. Balch, of this city, has by Woodford, record 2:19, made at Hartford, and the race will be trotted at Beacon by Woodford, record 2:19, made at Hartford, and the race will be trotted at Beacon by Woodford, record 2:19, made at Hartford, and the race will be a double team race for a purse of \$10,000 which Mr. Wesley P. Balch, of this city, has by Woodford, record 2:19, made at Hartford, and the race will be a double team race for a purse of \$10,000 which Mr. Wesley P. Balch, of this city, has been double team race for a purse of \$10,000 which Mr. Wesley P. Balch, of this city, has been double team race for a purse of \$10,000 which Mr. Wesley P. Balch, of this city, has been double team ra by Ben Patchen, dam Canada Jark, Doubtless there will be a grand field of en-record 2:19, made at Rochester, N. Y., in 1881.

> McCoun; Bashi Bazouk, 5 years, \$270, C. Ox; Hick, 2 years, Mr. Kittson. Oden Bowie purchased on private terms Tuscaloosa, Bes-NEW YORK, October 15 .- Owners of fast sie and Wildfire, all 2 year-olds. The prices

ferson City and its neighborhood, but I

have never met more refined educated

for words were wanting suitable for

her many friends.

even though it may deserve it.

Ravelings.

agony of sorrowing hearts, looks out-

from the tearless eyes in vain for con-

solation. Mourner, are you rebellious?

and there settle the account with your

conscience, for every unkind word or

yourself in the dust of humiliation and

In a comparatively short time, two

we unitedly contribute for the pur-

Col. Colman, and desire him to select

plead for pardon.

October, 25, 1881.

OPAL ROSS.



makes many." This must be the case Our friend, Western Echo, has recently characterized the hour. As usual, I piece of leather into boots and shoes followed the example of several other Home Circleists, add launched out upon failed to squeeze a tear any nearer drive the cows into the front-door and the sea of matrimony. He will please than one half an inch of my eye-wink- the boots and shoes walk out at the sister instead. Who will be the next

question about Widower. You must make inquiry of him on that subject. As for myself, I do not expect to encounter any "vinegar meon" I can as- feel I am living and learning. I would sure you. Why don't you visit the Circle more frequently?

Critic, how glad I am to meet you once again in the Home Circle. Let me beg of you not to neglect us for so long pressed sentiment of Whittier'sa time again.

Why, Bon Ami, how can you say no one has indorsed your views? I have frequently done so, besides complimenting you on your biography of Homer. but are content with the fact, that ding farewell for a long time if not for-come, now, "honor to whom honor is though no poet embalms our names in ever. Several of my new friends were

Lloyd Guyot, in answer to your kind inquiries, I take pleasure in informing moaning trees and roaming rivers, will you that I have not yet had any fuss with "that husband of mine," and have never diagnosed the broom-stick, except love us; and when all these are passed in a perfectly legitimate way, "all the same." I return thanks for your kind inquiries, and trust that the Circle will inquirles, and trust that the Circle will be frequently cheered by the light of your countenance.

Semper Fidus, the Circle has missed you for a long time; we are glad to see you back once more. Thanks for your kind and flattering message.

Calcium Fleet, don't make your letters so long any more that the editor keeps them to himself; we want the benefit of them.

And so Daisy Dell has not quite forsaken us after all. That is right, Daisy,

our number. We truly sympathize with her bereaved family.

Since writing the above letter I un- taste. derstand from private information that Believing her private letters would decided as to your gender, but concluded NINA.

influence of thoughts of by-gone days, and though I admired her greatly, I felt it a rather risky undertaking for a young cast their tall shadows down the valley of the future. Oh, these happy, kappy reveries! They are restful and helpful, then they do seldom find a counter of thoughts of by-gone days, though I admired her greatly, I felt it a rather risky undertaking for a young lady to visit a family of which she knew comparatively nothing. So I tendered my regrets, &c., but she wrote they do seldom find a counter of thoughts of by-gone days, though I admired her greatly, I felt it a rather risky undertaking for a young lady to visit a family of which she lady to visit a family of which she knew comparatively nothing. So I tendered my regrets, &c., but she wrote they do seldom find a counter of the ring they have a boundary. Food is a good thing if used in the would be infinitely better to remove that we shall no more listen to the right manner, but when it is used to the right manner, but when it is used to exceed the would be infinitely better to remove that we shall no more listen to the right manner, but when it is used to the right manner, but when it is used to the right manner, but when it is used to the right manner, but when it is used to the right manner, but when it is used to the right manner, but when it is used to the right manner, but when it is used to the right manner, but when it is used to the right manner, but when it is used to the right manner, but when it is used to the right manner, but when it is used to the right manner, but when it is used to the right manner, but when it is used to the right manner, but when it is used to the right manner, but when it is used in the would be infinitely better to remove the right manner, but when it is used to the right manner, but when it is used to the right manner, but when it is used to the right manner, but when it is used to the right manner, but when it is used in the right manner, but when it is used to the right manner, but when it is used pictures all things in rich and royal queer thing for a girl to do. colors. Alas! that flight so lofty should I was met at Jefferson City by "Rattle ever be connected with earth by threads Brain," who seemed really glad to see Go stand by the grave of a buried love, as slender as they are long, and some me. My first impressions of her were common-place trifle will soon recall us favorable and continued so. I found to existing surroundings.

insh my dreams, to inquire into the by all. We remained in Jefferson City Him who doeth all things well, bow prosperity of the Home Circle, from one night and the next morning her which I have been absent on account oldest brother, whom I will call "Will," of the numerous summer "larks" I came in for us and we had an enjoyable have taken. I was pleased to find, in the ride out to Mr. G.'s, her father. Such a first Rural I had seen for weeks, a letter warm reception as they gave me. Mrs. labor to rest; and still another mourns admire him as much as I do? Judging "Miss Opal, we do not feel like you are from his letters, he must be a thoragonal astranger." By that time Will had be forgotten. The tie that unites us is low. His communications form a rethe family and ushered them in to be but an anti-type of one more sacred, oughly interesting, genial, bright fel-collected together the other members of freshing contrast to Bon Ami's osten-introduced to the "Kentucky girl," as tations productions which are so often they termed me. I soon felt sure my loving sympathy and patient forbeartatious productions, which are so often they termed me. I soon felt sure my ance. As our departed friends enweighted down with gigantic efforts at visit would be agreeable to me, and the sarcasm and sharpness. But then Bon few days that I expected to stay soon Axii is a widower, and therefore full of lengthened to weeks. I never visited a sound and fury, sinifying ---

hailed no flag of truce from you. I guess ber seems to try to add something to the many of you have been "doing" the fairs pleasure of their visitors. The young

thoughts of them. To see a panic stricken man, whose gallantry had so many guns and swords all ready to do failed to rise to the height of the occasion, complacently mount the platform, plant his dainty, elephantine foot, (No. ten boot), on a girl's shoulder, and leap over the fence; a woman whose transportation over the palings had divested her of every vestige of her lawn dress, leave. We did not out or write our first the city now and then, and then could thus stand face to face, as it were, found thus stand face to face, as it were, findividual expense would be very small endividual expense would be very small endividual expense would afford great pleasure to strangers.

Oarbolic Sheep Dip is the best. Address found thus stand face to face, as it were, stock of welcome and encourage individual expense would be very small endividual expense would afford great pleasure to strangers.

I think we will all get along nicely, if so die yearly with Consumption. Many fall victims through their own imprudence. A law we will but take Nina as a model. What has become of Trebor? Come, Robert, fall victims through their own imprudence. A law we will but take Nina as a model. What has become of Trebor? Come, Robert, fall victims through their own imprudence. A law we will but take Nina as a model. What has become of Trebor? Come, Robert, speak for yourself. Has Twonett deprecation over the palings had divested the Circle? I guess Sol B, is

could not do as everybody else did, and and our "guide" replied, "Oh, yes; they

accept my sincere congratulations both er. But the amusing part of the scene back-door," which I believed of course for himself and his better half. I wish I comprehended in its full force. In it One little shop was filled with rustic am another country lass of just seventhem both much happiness, and trust all I was forcibly impressed with the chairs from the plainest to the most teen, and enjoy the letters in the Home our Home Circle has not by this occur- superior gallantry and composure of expensive ones lined with velvets. The Circle very much. Nettie H. wrote

> ministered a twinge because I did not glory in this delectable region. A mill wheel of monotony is the death of me. I love action, something that makes me rather have storms to encounter than no movement to keep me alive.

"Better a day of strife Than a century of sleep."

I wish I could realize the prettily ex-"God fils the gaps of human need

Each crists brings its word and deed. genuinely good people who have no hungry ambitions to tantalize them, thinking of the many friends I would be a seen and the seen are content with the feet them. due." And do not think of forsaking the Home Circle, Bon Ami. You are one of its pillars.

The Home Circle, Bon Ami. You are one of its pillars.

The Home Circle, Bon Ami. You are vas, old mother earth with kindly arms will gather us to her gentle bos-which I could only silently appreciate, which I could only silently appreciate, om; many-voiced nature with her chant our requim. The united skies of sunset and of worn mill keep our mem ory fresh in the hearts of those who

VAMME.

Letter From Opal Ross.

Dear Home Circle, it has been so very long since I wrote to you, I fear all the memmbers but one have forgotten me I know of one who remembers me and I hope kindly. Dear friends I have been so eager to tell you all, of how much pleasure the Circle has thrown across my path. Something near two soon begun to add my "note." Among give us some of your bright, lively letters to cheer us up.

I am very sorry to hear of the death written by "Rattle Brain," near Jefferthe letters I mostly enjoyed were those f Gertrude. This is the second time the son City, Mo. Sensible, agreeable letters they were, seemingly written by a young lady of education and refined Did you once live in Logan county, Ky.

our dear friend Idyll has lost one of her sons. I extend to her my sincere also be interesting, I asked her to corressex." I believe. her sons. I extend to her my sincere sympathy in her affliction. This world must ever be a world of trial and afflic to do. Her letters gave me real pleastion, but we know that there is a home, ure and after a change of photographs, where sorrow, pain, and grief, and part-fancy work patterns and such little triings, never come. Let us hope that we may all meet there. NINA. fles so dear to girlish hearts, we felt may all meet there.

NINA.

It is so dear to girlish hearts, we test pretty well acquainted. Our letter writing continued, and in July last I wonder how many of you, to-day, are perched in the easy chairs before a bright glowing fire, letting your minds dreamily drift along under the gentle dreamily drift along under the gentle of hygging days.

The sad news comes to us of another vacant chair in our cherished Circle—another aching void the world another cheerful voice and pen forever with any fire to drink and matter at its final way. For, I might add with the poet, that "to err is human."

Now I would not have the Home Circle—another aching void the world can never fill. As we look back over the gladsome days their presence cheered, we can hardly realize our loss, and of limited the relations, and commit other crimes. It is said we should let a man drink if he chooses, but if he commits crimes, puncture is human."

Now I would not have the Home Circle—another aching void the world can never fill. As we look back over the gladsome days their presence cheered, we can hardly realize our loss, and other thing they have a boundary.

The sad news comes to us of another vacant chair in our cherished Circle—another aching with the poet, that "to err is human."

Now I would not have the Home Circle—another aching to the commits crimes, puncture is a said we should let a man drink if he chooses, but if he commits crimes, puncture is a said we should let a man drink if he chooses, but if he commits crimes, puncture is a said we should let a man drink if he chooses, but if he commits crimes, puncture is a said we should let a man drink if he chooses, but if he commits crimes, puncture is a said we should let a man drink if he chooses, but if he commits crimes, puncture is a said we should let a man drink if he chooses, but if he commits crimes, puncture is a said we should let a man drink if he chooses, but if he commits are complete except saw, and will the any of clients and the commits are completed to the commits are influence of thoughts of by-gone days, though I admired her greatly, I felt it a that we shall no more listen to the though they do seldom find a counter- again insisting that I should make the radiant glory of perfect health and part in waking realities. At such mother the visit. I was quite anxious to see strength, stands our idol—alas! to by us, for we should always consider we would appear to a highly cultured by us, for we should always consider we would appear to a highly cultured by us, for we should always consider we would appear to a highly cultured ments, we plan our Utoplan schemes; her, but was most afraid to venture. morrow, the golden bowl is broken, the how many faults we made ourselves. nation, could one be found, which was loving fancy brings those we love best After due consideration I agreed to go silver chord is sundered, and the mute wonderfully near us, and imagination and did, feeling all the time it was a

her a bright, merry, little, brown-eyed So I shall lay aside my book and ban- girl, quite a treasure at home and loved

from Lloyd Guyot. How many of you G. kissed me affectionately, saying: lengthened to weeks. I never visited a more hospitable family in my life. They all love company and each member seems to try to add something to the pleasure of their visitors. The young Where art thou, Paulus? I have They all love company and each memfolks believe in having a good time and The exposition come off during my the parents are willing for them to last visit to Kansas City, and I attended have their fun, and we did, although it the principal races, "took in" the fire was intensely warm—more than that, it the same. With the money thus sent, and enjoyed it immensely. The wild was hot, hotter, hottest. We attended themselves, signed by the name over and the beautiful manufacture of the some picnics, which we enjoyed. We rushing crowd, the intense excitement, and the beautiful merciless flames fas-cinated me (being at a safe distance from them.) Then there were so many ludicrous occurrences, that one would be convulsed for a week over the mere thoughts of them. To see a panic-thoughts of them are thoughts of them. To see a panic-thoughts of them are thoughts of them. To see a panic-thoughts of them are thoughts of the mane over them are thoughts to be by him placed which they write, to be by him placed the attends, but fear he wouldn't tell. I which they write, to be by him placed they are themselves, signed by the hame over them are thoughts of the mane over themselves, signed by the hame over them are thoughts to be by him placed to be be attends, but fear he wouldn't tell. I which they write, to be by him placed they in the album, and kept in his office for get the good-by kisses. Of course, she doesn't slight the "big boys."

In a therefore a displace of the mane over themselves, signed by the hame over the had rather be Schoolman's pupil, and had rather be Schoolman's pupil, and in the album, and kept in his office for the substitute of themselves, signed by the hame over the had rather

Letter from Nins.

Letter from Nins.

1t is an old saying that "one wedding uniting to yell for their children. Every many."

This must be the case makes many." This must be the case ery female appeared to feel it her enshoes, with marvelous rapidity, cutting, forced and heroic duty to weep, and to sewing and all by machinery. I spoke another candidate for congratulations. weep vigorously, and tear-stained faces of how fast the machinery turned a have a place in the Home Circle album. VISITOR.

Letter from Belle.

COL. COLMAN: Will you please be into the beloved Home Circle. I, too, deeply for the friends of "Gertrude," I kind enough to admit another stranger rence lost a brother, but has gained a the young men over the married ones. officers were very gentlemanly, showed quite a romance about the poor typos, After spending five months most en- us all through, and kindly answered all which I believe myself is the case of-

but I tremble for you, lest our friend Bon Ami annihilates you with sarcasm depot. But they gave me such a glad on return. I really cannot answer your welcome that my tender conscience adjusted in return. I really cannot answer your welcome that my tender conscience adjusted in return. I really cannot answer your welcome that my tender conscience adjusted in return. I really cannot answer your welcome that my tender conscience adjusted in return. I really cannot answer your welcome that my tender conscience adjusted in the same style. My sympathies is life and always will be; but then it is life and always will be; but then it is life and always will be; but then it is life and always will be; but then it is life and always with those whom we for the convicts were but little aroused is hard to part with those whom we loved and cherished so long.

till I saw one old white haired man Daisy Dell, I admire your letters very leaning on his cane, tottering with age much, because of their mild and gentle and weakness. My heart ached for him. I was as eager to get outside the wall as I was to get inside. We reached Mr. G's to a late supper, pretty tired after one day of sight seeing. I had been somewhat prejudiced against Jeftone, which makes them sound like melody to my ear.

changed his mind about the Spoopen-I met in and around Jefferson. I was growing very anxious to see my dear 22d.

I met in and around Jefferson in the Rural of September bition law.

Girls, all of you, let us shake hands and be friends. I am a great lover of flowers, which I suppose you all Girls, have any of you ever visited newspaper. The course of this journal Shaw's botanical gardens in St. Louis, is strange and inconsistent. In one where the choicest and rarest of every flower, shrub, plant or tree in the known world, can be seen growing in perfec-tion? Belle tion?

On Criticism.

the occasion. That visit will ever be fresh in my memory. Neither the joys If space may be allowed, I will try to of the future, however bright, filling interest you on the subject of criticism. my life with happiness complete, nor This has been, in my mind, most the days so dark, so full of sorrow as may come, can ever erase the memory of my visit to "Rattle Brain," so full wrongfully used by the different writers, and I think it should be corrected, of harmless, heartfelt pleasure; and I not that I am capable of correcting it.

To show how criticism should be used chance of returning all the favors conferred on me while there by her and we should not sneer at everything that publican is proud of the emigrant who Col. Colman I was very anxious to suit us; for in that we are sure to lose of Kansas are intensely sorry that they see you while in St. Louis and fully insome of the beauties there are in the artended making the attempt, but while there I was with friends who ticle, and we also destroy the friendly wanted to spend our little time visiting relations that exist in the Circle. Noththe parks, bridge and other places, so ing in my mind is more disagreeable I had to give up my pet plan of calling than to see in the Home Circle, at 1 ast bad citizens from their State, and which I am afraid this is so long you will one article in every number which does years ago I begun to read the letters in think seriously of throwing it in the not contain a single idea but to show the Circle, was greatly interested and waste basket, but if you will only think how rediculous some other persons subhow considerate I have been, have not ject is, when in fact the critic is in fault. written you a line for over six months. The critic should "cast the beam out of I kno v you will not give it such a fate his own eye." If there are any correc-Westren Echo, the last letter I read tions to be made in the article of anothof yours made me think I had known er, they can be made in a friendly manyou when I was a little girl of ten years. ner; but when you combine in your crit-The Circleists were for some time un leism dishonor to the writers, then you disgrace your own standing as a judge. Whenever you see anything that does sex." I believe.
Please, you critics, deal with me gently. May I come again? not suit you, and you also know in making your criticism you dishonor him. then I would say do not criticise him. For we should ever keep in mind that whenever we use criticism we should

SETH SPRIGGINS.

Letter from Nobody Cares.

The last RURAL contained a number of interesting letters. Every week new have never seen employed. Whiskey of interesting letters. Every week new faces enter. Tyro says nobody cares, All right, we will all feel at home now. luxuries.

have never seen employed. Whiskey poor. They are neither necessities nor afty can sper dozen or \$3 per hundred. Address COLMAN'S NURSERY, cold and best a fixed poor. They are neither necessities nor luxuries. I sincerely hope no harsh letters will They do not aid in sustaining life, and act, every unrequited token of sym-creep in. It is so nice to see harmony they are not relished when the taste is pathy or affection—and in prayer to and good will exhibited.

the faded light of those fair "blue I think the wordly minded should be time will be when men can not. The be forgotten. The tie that unites us is feelings.

Little Dick's letter brings us sad tidings. By the hand of God another link should have so much sense and be so in our Circle is broken. Yes, we, too, great a fool and flend. Men have talked deeply sympathize with the loved ones deeply sympathize with the loved ones of the deceased Gertrude, our sister have the liberty, and make use of it, too, deared themselves to us by loving kindmember. But we must submit to the to do almost anything for money.

room, but beg them not to neglect the chase of an album; send the money to Circle.

> attend the Missouri University? I in the way which is the best pecuniary would ask Tyro the name of the chool would ask Tyro the name of the chool he attends, but fear he wouldn't tell. I and law-givers had the good of the na-

shorn of her glory. Some of the "small fry" were tossed eighteen feet over the fence; frantic men calling wildly, some hours in the penitentiary as it "Where's my wife?" Women screams was my first visit to one there were the some fence; the some hours in the penitentiary as it was my first visit to one there were the some hours in the penitentiary as it was my first visit to one there were the some hours in the penitentiary as it evaluates the some hours in the penitentiary as it is a some hours in the penitent

Going West.

DEAR CIRCLE: I have been "out west," and have been gone so long I did not have the pleasure of re ding the letters in the Home Circle, and I am sorry to have read such a letter as Bon Ami writes, sorry that such a letter has entered our Home Circle. I feel him laid in the grave, but God only knows how soon we may be called Well my friends I am going west to live, to enter the matrimonial noose?

Joyably visiting, I have at last come displayed and passed to live in the Rural, but I temble for you, lest our friend of the rest of the rest of the rest of the Rural assumed a lugubrious tone when I but I tremble for you, lest our friend of the rest of the Rural assumed a lugubrious tone when I that Gertrude has died and passed to I am a "young farmer's wife," and hope vice. I will come again when I get west, and tell of my western home. Address. Western Kansas.

> and tobacco are mostly consumed by th Letter from Bon Ami.

DEAR RURAL: I hope my letter today will not be objectionable to the I was glad to see that Bon Ami had members of the Circle. My opinions about temperance societies have been dyke papers, and it would be good fully spoken in the Home Circle, and for him to change his mind about what need not be repeated. So in this letter

The Missouri Republican is, I suppose, the leading western anti-prohibition number we are told that prohibition does not prohibit, and in the next, that liquor dealers and emigrants are coming into Missouri from Kansas on account of the prohibition law. Letters are daily printed, which show, in the Strawberry - Raspberry. opinion of the Republican, that Kansas 1, being ruined by prohibition. Then letters from distinguished men of Maine. are given to show that the sale of whiskey cannot be suppressed. The Rea writer produces, because it does not bition law. No doubt the good citizens COMMISSION MERCHANTS have aimed a death-blow at that which is at the commencement of almost every crime. No doubt they regret that they will, therefore, protect their women and children from drunken wretches who are worse than brutes. It is the boast of the Republican that men are coming to Missouri in order to drink Merchant, 424 North Second Street, St. when they feel disposed to do so-that Louis, Mo. they may have liberty. Liberty! And is liberty that which gives a man the power and inclination to abuse his wife and children, and shoot you without a cause? If so, whiskey and liberty ar synongmous terms. Why have a law against theft and murder? Is it not depriving a man of his liberty to steal and murder? Why legislate against whiskey? Is it not depriving a man of the "right di-

not addicted to the use of whiskey or tobacco. But there is another argument against whiskey and tobacco, which I

not perverted. But experience shows No one objects to the little jokes and humorous discussions some are now induging in. I enjoy them, but such articles as Bon Ami's on the Holy Bible will soon chill the Circle. I feel we have in our midst many Christians, and I think the wordly minded should be time when men can not. The No one objects to the little jokes and that men will deny themselves, and for more important uses.

It is strange, indeed, that a man much of the "liberty of the press." That room, but beg them not to neglect the Circle.

I wonder if any of our number will they feel it their duty to do so, but that they have been paid to do so. By adroit sophism they change the tide of public sentiment—and yet act

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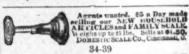
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WANTED.

the Pairy.

Raising Calves By Hand.

Some claim that there is no improve ment in nature's way. It is true if the cows are never to be put to any other use than raising calves, it is just as well to let their calves run with them who can afford this system? By more fall in the matter of feeding pigs, that owned by exhibitor, 1st prem 20, Thomas labor and greater care, just as good farmers having hogs to fatten this year Bennett; 2d 15, Railsbock & Pittsford. calves can be raised at half the sacrifice will do well to consider. of the produce for which the cow is her milk by the ever present calf, seri-fattening the hogs. ously dwarfs her milk glands, so that with them the first year. If in good having been the same. fesh and good health, for a few days it is important that the milk should be basement of a warm stone barn, and five drawn frequently to keep the bag from inflammation and injury. But gradually, fence with plenty of straw but no other hibitor, 1st prem 30, A M Fulford. and as fast as it is safe, the regular protection. periods of milking should be assumed, that the udder in its formative state shall assume capacity for twelve hours' accumulation of milk.

age are not sufficient to take all the milk of a first-class cow. Hence her yield will naturally dwindle to the de-mands of her offspring. Besides, after a calf and cow have been let to each other twice a day, the weaning is injurious to both. Besides, the wearing is frequently impossible, creating constant trouble on the farm.—The practice also of keeping cow and calf sepations. In the control of rate, and admitting them together twice a day to take of the milk, while the other half is being milked, is vexa-tous, troublesome, and saves no labor. Any one would rather sit down by a quiet cow and draw all of the milk, than to fight with the calf for half of it.

And if the milker takes the first half before the calf is admitted, the cow is injured, as the milk should all be drawn

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when the cow lets it down.

Calves should never be allowed to suck longer than three days. But they should be furnished with their mother's first milk, as nature provides just the right kind of nourishment for the first When raising calves by hand, they can be made just what you want them. The steer calves intended for beeves can be safely pushed from the first, by plans which have been fre-quently foreshadowed in these columns. After feeding for a few weeks with new milk, substitute skim milk. Then if the calf is too poor, add oil meal, or if it is too fat for the development of the bones and muscles, add oatmeal, or other bone or muscle producing food The heifer calves which are intended in the future for the dairy, should not be the ruture for the darry, should not be kept as fat as if intended for veals for the bu'cher. Keep them in good thriv ing order, with the safe development of all perts, for which purpose it requires skill than is usually possessed by the drudge.

The sooner the cow and calf can be induced to forget each other, the better nauced to forget each other, the better for both, and for those who attend to them. By the tenderest care learn both to have confidence in you. Kind ness to a calf in its earliest days is never forgotten. They make quieter and better cows. And steers which enjoy your presence and confide in your care always assimilate their ford. care, always assimilate their food bet ter, are not half the trouble to care for and add so much to their satisfaction. by their docility and kind temper.

Calves must have good accommoda-ons for feeding their milk and grain bed by the more greedy, or pushed away by the domineering. They should also be so arranged that they cannot suck Berry; 2d 5, M.E. Newburn. each other just after partaking their milk. Plans for all these matters are well understood on a well arranged farm.-Iowa Register.

Black Leg in Cattle.

J. D., Cedar Rapids, Ia.—Query:— Please state in your next issue the cause of the black leg in cattle, and it there is any cure for it?

REPLY: Among the causes of the so-called black leg may be mentioned a plethoric condition of the body, from too high keep, or too rich food in large quantity, especially when it suddenly succeeds sparer diet, Also, a change from poor to rich and luxurious pasturage, especially in spring and early summer. Ill-drained lands are also considered productive of this disease.

The malady is peculiar to young stock.

In regard to treatment, bleeding should be recorded to in the very begin.

Sow 2 years and over, 1st prem 20, B F

Dorsey & Sons; 2d 10, same.

Sow 1 year and under 2, 1st prem 15, B F

Dorsey & Sons; 2d, 10, Shepherd & Alexanonly be resorted to in the very begin-

only be resorted to in the very beginning of the disease; later, it will only hasten a fatal issue. The following purgative medicine may be used:

Take an ounce each of common soda and Barbadoes aloes; dissolve it in half a pint of hot water, and add to the solution when cool, an ounce of oil of turpentine; also dissolve a pound of Epsom salts in a quart of hot water. Mix these two solutions together, and give the whole in one dose to cattle two years old and older; half such dose to cattle troy entry on the point of the whole in one dose to cattle troy ears old and older; half such dose to cattle from eight months to a year 15, JA Lawrence.

Sow 6 months ard under 1 year, 1st prem ming the wick. Positively preparative medicine may be used:

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Sow 6 months ard under 1 year, 1st prem ing the wick. Positively preparative medicine may be used:

Som 10, B F Dorsey & Sons, 2d 5, JA Lawrence.

Best sow under 6 months, 1st prem 10, B

F Dorsey & Sons, 2d 5, JA Lawrence.

Best poland-China sow of any age, 20, J

Shepherd & Alexander.

Best Poland-China sow of any age, 20, J

Shepherd & Alexander.

Best Poland-China sow of any age, 20, J

Shepherd & Alexander.

Best pen of breeding hogs to consist of 1 boar and 4 sows of any age, 20 two years old and older; half such dose itor. Ist prem 30, Shepherd & Alexander; 2d, to cattle from eight months to a year and a half old; and a third of the dose to younger ones, Give plenty of salt water injections per rectum. Four hours after the laxative medicine, give every hour half a drachm each of muriatic acid and nitric acid, mixed in a pint of cold water. Tumors appearing on the Rail Hennepin, Ill.: 2d 10, Frank Wilson. acid and nitric acid, mixed in a pint of cold water. Tumors appearing on the body, should be scarified deeply, and applications made of a portion of a bution of one part of chloride of lime and twenty parts of cold water. As a preventive, remove all healthy stock to a distant spare pasture, on high or wood land; or lessen the quantity of nutritious food. Also give access at all times to unlimited quantities of common salt, and to pure drinking water. A seton should be inserted in the dewnood land to pure drinking water. A seton should be inserted in the dewlap of all stock under three years old; taking care not to use the same seton needle indiscriminately to diseased and healthy ones, whereby the disease may be spread by inoculation. It may be stated that there is no certain cure for

this disease, which runs its course very quickly, and generally ends fatally in from twelve hours to two or three days. ford.

Boar 1 year and under 2, 1st prem 15, MRS. LYDIA E. PHICHAM, OF LYNII, MASS., ford. -Prairie Farmer.

The Pig Pen.

Experiments in Pig Feeding. One of our Agricultural Colleges in the natural way. But at this day made some valuable experiments last

The object of the experiment was to determine the influence of protection.

Bears 2 years and over, 1st prem 20, A M Fulford, Bellair, Md.; 2d 10, N H Gentry, mest valuable. Nor can farmers afford determine the influence of, protection Sedalia, Mo. to permanently injure a cow, as a milker, from, or exposure to the weather in the by allowing her calf to run with her cost of meat production, and the respec- & O Sorby, Ontario, Can.; 2d 10, B F Dorby allowing her cair to run with ner cost of meat production, and the respec-the first year. The frequent drawing of tive value of corn and bran as a food for Boar 6 months and under 1 year, 1st prem

ever after she has no capacity for any large amount of milk. It is very im.

The experiment began Nov. 1st., 1880, Sow 2 years and over, 1st prem 20, N H Gentry; 2d 10, H & O Sorby. large amount of milk. It is very impigs were taken, and each put in a pen option that the calves should not run by himself. The nortant that the calves should not run by himself. The nortant that the calves should not run by himself. The nortant that the calves should not run by himself. The nortant that the calves should not run by himself. The nortant that the calves should not run by himself. The nortant that the calves should not run by himself. The nortant that the calves should not run by himself. The nortant that the calves should not run by himself. The nortant that the calves should not run by himself. The nortant that the calves should not run by himself. The nortant that the calves should not run by himself. The nortant that the calves should not run by himself. The nortant that the calves should not run by himself. The nortant that the calves should not run by himself. portant that the calves should not run by himself. The previous care and feed

Five of the pens were placed in the

The result was as follows:

In the pens in the barn where the pigs were fed corn alone, 100 pounds increase Nor is it safe or policy to trust to the calf to draw all the milk for a few corn.

The demands of a calf at that In the pens in the yard fed corn alone.

100 pounds increase live weight required 549 pounds of corn.

bran were fed together, 100 pounds increase in live weight required 4811/2 pounds of corn, and 701/2 pounds of

In the unprotected pens where corn and bran were fed, 100 pounds of in- knife or pain. crease of live weight required 577% bounds of corn, and 83% pounds of

A noticeable feature in the experiment was, the pigs outside consumed consume. As the hog is valuable in proportion to his ability in converting grain into pork, this was, of course, an additional incidental loss connected with feeding in exposed pens.

Two lessons are very clear as the result of these experiments. Bran is not a profitable feed to use in fattening hogs, and it don't pay to have pigs ex posed to the weather.

Taking the experiment in which the pigs outside did the best, and comparing it with the pigs inside, and the farmer who produced 10,000 pounds of pork would lose 61 bushels of corn in

the operation.

It was found that 8½ pound of corn were about equal to 75% pounds of bran.

Of course no one set of experiments can settle a matter of this kind, but these experiments point very clearly in one direction, and this year, when corr and pork are both high, and it is desirable to produce as many pounds of porles possible from a bushel of corn, farm ers will do well to note these facts, and consider if it will not pay well to give the fattening pigs the warmest and most protected quarters possible.—Live

Swine Premiums at St. Louis Fair. HOGS-CHESTER WHITES.

Boar 6 months and under 1 year, 1st pre-10, G W McFadden, Atlanta, Ill.; 2d, 5, M 1 Newburn, Hennepin, Ill. Best boar under 6 months, 1st prem 10, J

S Berry, St. Louis county; 2d, 5, same. Sows 2 years and over, 1st prem 20, M F. Newburn; 2d, 15, J S Berry. Sows 1 year and under 2, 1st prem 15

or other food rations. Each one must be allowed its share, without being rob Sows 6 months and under 1 year, 1st prem Sows 6 months and under 1 year, 1st pren Sows under 6 months, 1st prem 10, J &

Best Chester white boar of any age, 20, M E Newburn, Best Chester white sow of any age, 20, M

E Newburn. Best pen of breeding hogs, to consist of 1 boar and 4 sows of any age owned by exhibitor, 1st prem 30, M E Newburn; 2d 15, M E

Newburn. Best sow with litter of her own pigs, under six months old, not less than five in number owned by exhibitor, 1st prem 20, M E New barn; 2d, 10, J S Berry.

burn; 2d, 10, J S Berry.

POLAND CHINA.

Boars 2 years and over, 1st prem 20, L A
Lawrence, Connersville, Ind; 2d, 10, B F
Dorsey & Sons, Perry, Ill.

Boar 6 months and under 1 year, 1st prem
10, B F Dorsey & Sons; 2d, 5, J A Lawrence.

Connersylle, Ind.

Connersville, Ind.

Best boar under 6 months, 1st prem 10, B

F Dorsey & Sons; 2d 5, Shepherd & Alexander, Charleston, Ill.

Best boar of any age, 1st prem 25, Robert Ball, Hennepin, Ill.; 2d 10, Frank Wilson, Jackson, Mich.

Sows 2 years and over, 1st prem 20, Railsbock & Pittsford; 2d 10, same. Sow 1 year and under 2, 1st prem 15, Thomas Bennett; 2d 10, Railsbock & Pitts-

Sweepstakes-Best pen of breeding hogs, consisting of one boar and four sows of any age, owned by exhibitor, 1st prem 30, Railsbook & Pittsford; 2d 15, same.

Best sow with litter of her own pigs under six months old, not less than five in number, BERKSHIRES.

Boar 1 year and under 2, 1st prem 15, H

10, N H Gentry; 2d 5, Kennedy & Sons.

Sweepstakes-Best Berksbire boar of any age, 20, N H Gentry.

Best Berkshire sow of any age, 20, N H Best pen of breeding hogs to consist of one

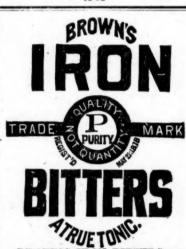
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phur, etc.

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orchards, packing shed, work shops, green-houses, barns, &c. Address, "DEL/TA," Care of this Office.

Breeders' Directory

For the convenience of many breeders who do not wish to meer! large advertisements, we will insert carfs in this column at reasonable rates which will be given on application.

W. P. Block, Aberdeen, Pike county, Mo., Mo., breeds and has for sale pure and digh-bree Percheron stallions and marse by imported Napoleon Bonaparte, champion Almack trotters, pure Jerseys, Short-horn cattle and Berkshire pigs. Send for estalogues. 20-tf

H. ALLEN, Breeder of Thoroughbred Short-horn cattle, Cotswold abeep, Berksbire hogs, Bronzeturkeys and Light Brahma fowls. Allendale Stock Farm. O'Fallon, St. Charles county, Mo.

H. RUSSELL, Fayetteville, Johnson conn-ty, Mo., breeder of Poland-China swire. Prices reasonable. Correspondence solicited.

SAMUEL JEWETT, Independence, Mo., im-porter and breeder of registered American Merino sheep. Satusfaction guaranteed to pur

COTSWOLDS.—Glenwater Flocks, I breed and have for sa e, at all times, pure Cotswold Sneep. Address for prices, etc.,
J MONROE LEER,
32-13 Paris. Bourbon 4 ounty, Ky

A & J. DORSEY PERRY,

Pike Co., Ills. Breeders of prize-winning Poland-China, Bosh hire and Chester White swine, and Mering sheep. Won 24 prizes in class and 4 sweepstake in 1880 at Illinois State and 8t Louis Fairs. Breeders recorded Stock for Fale. Write 100 what you want. Mention this paper 14-36

Poland-China Pigs

A SPECIALTY. G. W. Whiteside, Rock Prairie, Mo., makes
the breeding of pure Peland-Chinas a specialty.
Has among his breeding stock nothing bill
strictly first-class animals, registered in American P. C. Record. Prices low down. Address
G. W. WRITESIDE,
41-tf Greenfield Pade Co., Mo.

Spanish Merino

SHEEP. 1. BELL & SQN, Brighton, Macoupin Co., 114, Only 35 miles from St. Louis, on the CHICA-GO, ALTON & ST. LOUIS railroad, or the SOCRFORD, EOCX ISLAND & ST. LOUIS railroad. Cheice swee and rains, by wholesale or retail, at reasonable prices.

Go to Headquarters for Norman Horses. THE DRAFT-HORSE CENTER OF AMERICA.



- Win ST. LAURENT, weight 2100.

DILLON & CO. NORMAN FRENCH HORSES

BLOOMINGTON, ILLINOIS. One hundred head of Normans arrived in august, 1881—the finest lot of stallions ever imported in one lot to America. Come and

The New Sheep Dip. Little's Chemical Fluid cures scab, foot rot and m ngs Kills ticks red lice, and all parsistes that infect sheep, cattle and degs. This duid has been fully tested by the best stockmen as the country, and has not been found wanting.

JAMES HOLLINGSWORTH, 37-12 31 Lasalle Street, Chicago, Ill.

PENSIONS Ninety Days.

Every owner of a Farm Engine located in moderately timbered country can find profitable employment the year round by purchasing one of these Mills.

Every owner of a farm Engine located in moderately timbered country can find profit is interested in having one of these Mills in his neighborhood. No more hauging logs to mill. All the water saved.

Write for Circulars and Price Lists, and address of lave your claim love-tigated. Apply at o concentration of the control o

OUR NAME printed with new copper plate type. . n 70 new and elegant Bonquet, or 70.1, Bird and Gold thr mo Cards. Style, beauty and quality onn't be best for 100, amples 10 cents. Address G. A. SFRING, New Unven. Conn.

617 St. Charles Street, St. Lonis, Mo.

A regular graduate of two Medical Colleges, has been longer end charles the street of the street of the street of the street of the charles of the

14-62 30 DAYS TRIAL ALLOWED. We will send on 30 days total

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Electro - Valtate Appliances. Invented by the eminent Dr. A. M. Bye, and especially designed for the cure of all Neuventh Diseases, General Brebility, Loss Theorem and Manhood, the result of abusers of the causes. Also for Liver and Linear Diseases, Rheumatists, Neuralgia, Paralysis, Rupture, Female Troubles and manufacture, General Commenter Country, and manufacture, Monderful cures quickly address, lilustrated pamphlet sent free.



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Markets.

St. Louis, November 3, 1881. [Prices herewith are for round lots in first hands. Small order lots charged at higher prices. Buyers pay first ten days' storage,

except in special bins. FLOUR-Sales: 125 bbls at \$6 90, 60 bbls at \$5 25, 100 at \$5 70, 50 at \$6 20 del. 80 most careful treatment, I determined to pre-

patent at 8 40, 300 on p. t.
BUCKWHEAT FLOUR—Demand light. Choice New York at \$10. Brs FLOUR-Firm at \$6 10@6 40, as in

CORN MEAL-Active and firm. Sales of city on orders at \$3 30@3 40 del. Grits, ainy and pearl meal at \$5 25 del.

WHEAT-No. 2 red at \$1 38, No. 3 red at 30, No. 4 at \$1 21. Mediterranean No. 2 at \$1 38, No. 3 \$1 31. Conn-No 2 mixed at 631/20, No 2 whitemixed at 71c, rejected white-mixed at 621/2c.

rejected 601/2c.
OATS—No. 2 at 441/4c, mixed at 48c, prime at 48c.

Rys.—Grade No 2 at \$1 01. Samples at

BARLEY-At 850@\$1 10. HAx—Prime prairie at \$13 50, choice at \$15, prime timothy at \$20@21 00, choice

timothy at \$23. HEMP-Common and undressed \$95@100; good to choice \$105@120; dressed \$160 to \$190; shorts \$130@150; hackled tow \$65@

BUTTER—But little doing. We quote: Choice to fancy creamery 35@36c; fair and ordinary makes 27@28c; choice to fancy dairy 30@ 32c; medium to choice 23 27c; common, store packed. etc., 12@18c.

CHEESE-Full cream 13@14c, hard skim 5 @7c, low 3@5c. Eggs-Scarce and higher at 22@23 for

LIVE POULTRY—But very little doing. Sales: Old hens \$2 00; mixed 1 50@1 75; young—choice \$1 50@1 75, good 1 25@ 1 40; turkeys \$5@8; ducks \$1 50@2 00:

GAME-We quote : Grouse at \$4 00, quail \$1@1 50; ducks-mallard \$1 50, teal \$1 00, anipe \$1 00, plover 50@ 60c, rabbits 50@\$1. squirrel 50@60c; deer 5@8c # tb gross; wild turkeys 40c@\$1.

POTATOES-In steady demand and firm. Sales: Minn, Peerless 97½c; Iowa do 1 10; N. Y. Rose at \$112½ per bu. SWEET POTATOES—Jerseys at \$2 50@2 75

per bbl; home-grown Nansemond 1 10@1 25; Bermuda at 750 # bu. loose. Onions-Lower and dull. Yellow \$4 15 per bu; prime red \$2 70@7 80.

CABBAGE-At \$4 50 per crate SAUER KRAUT-Dull at \$10@10 50 39 bbl and \$5 25@5 50 W half-bbl.

CELERY—In fair supply and quiet at 30@ 50c per bunch as in kind. TURNIPS -Sell in shipping order at \$2 50 @2 75 per bbl.

WHITE BEANS-Prime at \$3 60. APPLES—We quote: Geniting at \$2 50 any feed but the native grasses.

@4, Ben Davis at \$4@4 50.

DRIED FRUIT—In demand and firm. Apples at 6c for fair to 6%c for prime and 7c for bright new. Peaches at 6% @71/2c.
FLAXSEED—Better and more doing; firm

PECANS—Firmly held. Western 8@81/2c.

Texas 8@91/2c.
Peanurs—Demand only for choice. Red 4@4½c, white 5@5½c. Grass Szeds—Timothy at 2 55@2 60; Ger-

man millet \$1 45; Hungarian 75@80. HEMP SEED-Nominal at \$1 90 bid for Bones-Sell at from \$16@19-latter for

obl; G. A. at \$1 10@1 15 per sack.

100 lbs; old rope 2%c per lb.
EMPTY BARRELS- Coal and other light oil

barrels at \$1.15 : hiskey do \$1.

Woon—Tel-washed caolee at 39c, fair at 34@37c, din; y and low at 30@33c. Unwashed medium 24c, cnoice 25c, low and Life was Saved"—one stamp by mail. Day parse 18@20c, light fine 22@23, heavy do Kidney Pad Co., Buffelo, N. Y.

HIDES-Dull. Dry flint 17c-damaged

green bull and sta FEATHERS-Firm we quote: Prime L. G. at

DEER SKINS-Bug-eaten, salted and damag-

at 30e to 35e; No 1 at 46c.

CATTLE-Export steers \$630@690, good to heavy steers \$5 75@6 25, medium to fair steers \$4 90@5 50, fair to good Colorado steers \$4 75@5 60, fair to good stockers \$2 75 @3 25, fair to good feeders, 1,000 to 1,100 lbs. \$3 40@3 80, native cows, common to \$2 25@4 05, native heifers, fair to choice \$3 25@4 25, common to choice native oxen \$3 00@4 25, good to choice corn-fed Texan steers \$4 00@5 20, medium to fair con-fed Texan steers \$3 25@3 70, inferior to common mixed \$3 00@3 25, common to good grass Texans \$2 25@3 20, milch cows with calves \$16 00@40 00, veal calves \$5 00

@3 25 : fair to good muttons \$3 00@3 25 : good to choice muttons \$3 50@4 20; stock sheep \$2 00@2 50; larabs per head \$1 50@

Hogs—Yorkers \$5 60@5 75, good to heavy shipping \$6 00@6 50, fair to good heavy snipping \$5 60@6 10, coarse and ronghs \$5 60.25 50, pigs \$5 60@5 75, stockers \$4 00@5 50.

"Go to" the man said when the goat helped him over the fence, but he really thought there must be half a dozen at least. (To tell the honest truth. he didn't say that at all, but we can't print what he really did say, and we have to print something).

The Boston Globle brings this item: Chas. S. Strickland, E.q. this city, was cured of rheumatism by St. Jacobs Oil.

The shipments of flour from California to another column under this head, Mrs. Cot-China began with 96,000 barrels in 1865, ton's new system of bee keeping is a great For 1881 they have been at the rate of 300, 000 barrels. During the month of August the exports of merchandise from San Francoisco were larger to China than to any foreign country. England excepted.

Red Lips and Rosy Cheeks.

Wheeling, W. Va., May 30, 1881. I am an old physician, and have lost many of my youthful prejudices. Learning of the great good done by a certain remedy in restoring to robust health a former patient of mine who suffered severely from several chronic ailments, resulting from weak pulmonary, digestive and urinary organs, and whom I was unable to benefit with my at \$6 60 del, 100 at \$6 65, 17at \$6 70, 40 at scribe it. I have done so, and the results \$6 75, 80 at \$7, 50 at \$7 05, 125 at \$7 55, 55 have invariably been most satisfactory. Under its use the blood becomes richer, the di gestive, urinary and pulmonary organs are made strong and perform their natural func-tions readily and without pain; all decay seems to be immediately checked, and all the progress of the disease arrested; the pulse becomes fuller and stronger, the lips red and the cheeks rosy, the temperature in-creased and more uniform, the action of the heart regular, and the muscular strength greatly invigorated. In justice to the inventors, I will say this remedy is Brown's Iron Bitters; it is a preparation of iron and vegetable tonics; contains no alcohol, and is the only preparation of iron in a perfectly similable form and that does not blacken the teeth. I have never known it to fail to give permanent strength to every part of the body, or to injure the most delicate consti-tution. I have known it to assist in curing many chronic diseases when all other rememany chronic diseases when all other remedies had failed,—M. D.

America is the granary of the world, according to the following ratio; United States, 150; France, 105; Russia, 80; Germany, 45; Spain, 42; Italy, 39; Austria (with Hungary), 39: Great Britain, 39.

Messrs, J. H. Potis & Son, of Jacksonwille, who are said to have no superiors as feeders in this or any other country, have case during the past fair s ason \$3,988 in cash premiums and 100 gold medals at the Chiesce Esia.

"I have used Simmons Liver Regulator with anccessful effect in bilious colic and dyspepsia. It is an excellent remedy and ertainly a public blessing.
"C.MASTERSON, Sheriff of Bibb, Co.,Ga."

Fort Worth (Texas) Live Stock Journal of Fort Worth (Texas) Live Stock Journal of October 13th, says: The demand for sheep in northwest Texas is greater than ever before, and seems to be far in excess of the supply. Sheepmen around Brackett have lost largely by the floods. One man has lost 1,000 ewes and 28 bucks, and another 1,300 of his finest swes. In the fattening of wethers to finish as shearlings, English breeders state that the Cotswold and Leicester grades can be made up to 200 pounds, and the Southdown grades to 160 pounds, live weight.

Southdown grades to 160 pounds, live weight.

Many of the most careful ranchmen in Texas have so graded up their native stock Genuine Sharpless Strawberry Plants for sale at with the use of good bulls that they treely \$1 per 100, \$4 per 100, Address. C. M. MER within a few years they will sel with the unithing a few years they will sel with the strain of the will sel with the selection. wih the use of good bulls that they freely asset that within a few years they will sel grade steers good enough for export without

The color and lustre of youth are restored faded or gray hair by the use of Parker's Hair Balsam, a harmless dressing highly es teemed for its perfume and purity.

On the great Kansas ranges there exists onsiderable appreheusion of severe losses during the coming winter. There is a vast excent of territory from which the grass has been burned off, and this, coupled with a great scarcity of water, renders the outlook for the cattle-men anything but a promising one. Many of these ranges are already crowded to their utmost capacity, which, of course, renders the situation more complicated and serious.

r prime.

The Bone County (Mo.) Stock Sales Co.

Saltr-Domestic sells at 135@145 per have elected W. H. Bass, superintendent, publication of the kind yet brought to our BALT—Domestic sells at 1 35@1.45 per blue of the blue Sorar Inon, Erc.—Burnt 35c, stove-plate of fine cattle, horses, hogs and mules, and brass \$7@13, copper 13, zinc 3, lead 4.

largely engaged in the breeding and raising of fine cattle, horses, hogs and mules, and brass \$7@13, copper 13, zinc 3, lead 4. Rags—Country mixed at \$1 80@2 15 per edly the right man in the tight place.—Columbia Herald.

A widow at the west, intending to succ 13½c; dry salt 13c—damaged 10½c; dry bull her husband in the west, intending to succeed and stag 10½c; green salt 9½c—damaged advertises that "the hotel will be kept by the vidow of the former landlord, Mr Brown, green bull and stag 6½c. Glue stock at who died last summer on a new and improv-

45c in large to 47c in small sacks; unripe do 45c in large to 47c in small sacks; unripe do was asked if she was a Methodist. "O, no," she replied. "I am a Brethren, and my mother is a Besthren, too." They were of the United Brethren. At Montreal one of SHEEP PELTS-Green 50@85c, dry flint the Plymouth Brethren was asked why they never spoke of the Plymouth Sisters. was the answer, "the Brethren embrace th

> At a sale of Polled Cattle belonging to Mr. and indiscretions of youth, nervous weak-John Hannay of Bauffebire, Scotland. Sept. ness, early decay, loss of manhood, &c., 1 will send a recipe that will cure you, free or bull calves, made the high average of £33 16s, among them being several animals bought for Mr. J. H. Pope, the Canadian Minister of Agriculture, as mentioned in our

"I think a bath daily would be beneficial in your case," said the physician to Plodgers, the valetudinarian. "Well, I don't know, @10 50, Scalawags of any kind 1 50@2 25. | the valetudinarian. Well, I doll voice, Sheep—Common to medium muttons \$2.85 | "I took a bath once, a year or two ago, I felt better for a while, but it wasn't long before I was as bad as ever, and I have been grow

> Billy D., with running mate, trotted a mile at Beacon Park, Boston, October 22d in 2:1414, beating his previous record half a

Hattie Woodward, record 2:19, is reported by her owner to be sound again. She will be put on the track in spring.

No more double comets have been discov ered in Kentucky, which would indicate that North American railroad, between Forest and the astronomers of that State have sworn Eaton, one day last week, when a freight

HONEY BEES.

We call the special attention of our readers to the advertisement of Mrs. Cotton in

The Ives and Delaware never rot in my The Ives and Delaware never for in my larger vineyard, where they are not near any other kinds, whereas a few vines of each of is a remarkable remedy for all those painful

by its use thousant is of asset of the worst the and of long standing have been cured. Indeed, so sir ng is my is thin its efficacy that I will send two boths are, tree, t gether with a valuable tree ise on the disease to any sufferer. Give *x press and postoffice address. DR. T. A. Side CUM, 181 Pearl Street. New York.

ARTHUR'S HOME MAGAZINE.

All new subscribers for 1882 will receive

FREE the November and December Nos.

\$3.50; 3 copies \$5. 4 copies \$6; 8 and one extra \$12. 43 For specimen number, containing first chapters of "Divorced," send T. S. ARTHUR & SON, Philadelphia.

HONEY BEES.

THE NEW SYSTEM OF BEE KEEPING. If you love honey or money, keep bees on my plan. A complete revolution in beckeeping.
Send for circular of full particular. Address. MR², LIZZ E. C. TTON,
44-8 West G rham, umberland C., Maine.

1882.

HARPER'S YOUNG PEOPLE. AN ILLUSTRATED WEEKLY-16 PAGES

SUITED TO BOYS AND GIRLS OF FROM SIX TO SIX I EEN YEAR, OF AGE, Vol. III. commences November 1, 1881.

NOW IS THE TIME TO SUBSCRIBE, The Young People has been from the first

accessful beyond anticipation.—N. Y. Even-It has a distinct purpose to which it steadily adheres—that, namely, of supplanting

the vicious papers for the young with a pa-per more attractive, as well as more wholeome.—Boston Journal. For neatness, elegance of engraving, and intents generally, it is unsurpassed by any

A weekly paper for children which parent need not fear to let their children read at the family fireside.—Hartford Daily Times. Just the paper to take the eye and secure the attention of the boys and girls.—Springfield Union.

TERMS. Per Year P. stage Prepaie, \$1 50,

Single Numbers Four Cents each. The bound volume for 1881 will be ready arly in November. Price \$3.00; postag prepaid. Cover for Young Prople for 1881, 35 cents; postage 13 cents additional.

Remittances should be made by Post Office Money Order or Draft, to avoid chance of

Newspapers are not to copy this advertisement without the express order of Harrer & Address

HARPER & BROTHERS. New York.

A CARD. To all who are suffering from the errors

CHARGE. This great remedy was discovered by a missionary in South America. Send a self-addressed envelope to the Rev. Joseph T. Inman, Station D, New York City. 44-26

W. H. Gill, of Pawnee county, Kan. writes: There is great complaint of stiff horses, which is attributed to the too free use of millet. For two years we have grown sorgham for hay with good success. Use from two to three bushels per acre, sown broadcast; let it lay a week after mowing; then cock it up and let it stand three weeks before stacking; had five tons per acre.

Are you aware that a simple cough often terminates in Consumption? Why not be wise in time, and use Allen's Lung Balsam, which will stop the disease and prevent the fatal consequences.

For sale by all Medicine Dealers.

A full-grown moose of immense size wa tanding on the track of the European & Eaton, one day last week, when a freight train came along. With its great body and wide-spreading antiers, it presented an amus ing sight. The engineer, carried away by the spirit of the chase, obeyed a sudden impulse and threw open the throttle of the locomotive with an endeavor to run over the huge animal. It was probably fortunate for the train that he was unsuccessful.-Port and (Me.) Argus.

country. England excepted.

Other kinds, whereas a few vines or each or these sorts in my experimental vinery that these sorts in my experimental vinery that complaints and weaknesses so common to our showing a splendid large portrait of our destremance of the complaints and weaknesses so common to our showing a splendid large portrait of our destremance of the complaints and weaknesses so common to our showing a splendid large portrait of our destremance of the complaints and weaknesses so common to our showing a splendid large portrait of our destremance of the complaints and weaknesses so common to our showing a splendid large portrait of our destremance of the complaints and weaknesses so common to our showing a splendid large portrait of our destremance of the complaints and weaknesses so common to our showing a splendid large portrait of our destremance of the complaints and weaknesses so common to our showing a splendid large portrait of our destremance of the complaints and weaknesses so common to our showing a splendid large portrait of our destremance of the complaints and weaknesses so common to our showing a splendid large portrait of our destremance of the complaints and weaknesses so common to our showing a splendid large portrait of our destremance of the complaints and weaknesses so common to our showing a splendid large portrait of our destremance of the complaints and weaknesses so common to our showing a splendid large portrait of our destremance of the complaints and weaknesses so common to our showing a splendid large portrait of our destremance of the complaints and weaknesses so common to our showing a splendid large portrait of our destremance of the complaints and weaknesses so common to our showing a splendid large portrait of our destremance of the complaints and weaknesses so common to our showing a splendid large portrait of our destremance of the complaints and weaknesses so common to our showing a splendid large portrait of our destremance of the complaints and weaknesses so commo

THE BEST FOR MAN AND BEAST.

For more than a third of a century th

Mustang Liniment is without an equal.

It penetrates flesh and muscle to the very bone—making the continuance of pain and inflammation impossible. Its effects upon Human Flesh and the Brute Creation are equally wonderful. The Mexican

hich speedily cures such aliments of ne HUMAN FLESH as Rheumatism, Swellings, Stiff oints. Contracted Muscles, Burns

Joints, Contracted Muscles, Burns and Scalds, Cuts, Bruises and Sprains, Poison our Bites and Sings, Stiffness, Lameness, Old Sores, Ulcers, Frostbites, Chilblains. Sore Nipples, Caked Breast, and Indeed every form of external disease. It heals without scars. For the Brutz Cuertion it cures Sprains, Swinny, Stiff Joints, Founder, Harness Sores, Hoof Diseases, Foot Lot, Screw Worm, Scases, Foot Lot, Screw Worm, Scaphollow Horn, Scratches, Windegalls, Spavin, Thrush, Hingbone, Old Sores, Poll Evil, Film upon the Sight and every other ailment to which the occupants of the t is, positively,

THE BEST FOR MAN OR BEAST.

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Get the Standard.

GET WEBSTER'S UNABRIDGED, containing 113,000 Words, 3000 Engravings, and a New Biographical Dictionary.

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Of Gen. Garfield sent by mail for \$1.00.

Agents wanted. Also for our new chart OUR MARTYR PRESIDENTS,

RGANS AND PIANOS. 81. Christmas PRESENTS 1882.



3 Unisons in Treb'e, 71% Octaves, All round Corners, Carved Legs and Irreling, back and front fluished allike, Be thy's East Iron Frame, Improve Biss, Agragics, French Crand Action, Double Capned Hammer Length, 7 ft. Width, 3 ft. 6 ins; Weight about 1000 lbs.

or Money refunded, after the instrument has been in use a year. Nothing can be lairer than this.

REMIT by POSTOFFICE MONEY ORDER, Bank Draft, Registered Letter or by Express Prepaid. Money refunded and freight charges paid both ways by me, if no as represented.

VISITORS ARE ALWAYS WELLOWINE, a free Coach with polity of the coach with the company of the coach with polity of the coach with the coach before huring elsewhere. Address or call upon DANIELF. BEATTY, Washington, New Jersey,

THE OSAGE

Corn & Cob

MILL

The best made. It will save farmers one hun dred per cent on the use of feeding corn to stock. Now is the time to buy corn mills, when corn is so high in price.

Also agents for the following goods; Minneapolis Twine Binders, Whitewater Wagons, Key City Buggy and Carriage Tops, the cheapest in the market, Mishawaka Chilled Plows. the oldest chilled plow manufactured, Fountain City Grain Drills, Thomas Hay Rakes, Norwegian Steel Plows, Walking and Riding, manufactured of the best extra diamond hardened cast steel, Harrows, &c.

For prices of above goods and catalogues send to

ST. LOUIS FARM MACHINE CO., 1107 and 1109 Clark'Ave., St. Louis, Mo.

Challenge Well Auger

danufacture the Well Auger that will bore any kind of earth—makes a well any size requiredind is a percert success in Quickeand and Hardpan; will cast y make a deep well in one day.

Our C moined Machine for Horse Power, consists of both Farth Boring and Rock Drill ag
tools. The Earth Auger is used till rock is reached, when the rock boring tools are statched, and
the boring continued till an abundant supply of nuise water as obtained.

Artee Im Well and Prospecting tools for scanned powers a specialty. Our tools are equal to, if not
better than those of any manufacture in the United States, and prices below the lowest. Catalogues mailed free. Address

CHALLENGE WELL AUGER CO., 1420 NORTH TENTH STREET, ST. LOUIS, MO.

THOROUGHBRED BERKSHIRES. Twenty spring pigs. large enough for service, price \$10 m h. Also one extra fine, interpretation of year-old price \$25.
Will sell art c above prices, if ordered by the late of December.

Cowden, Sheiby County, Ill. ORGANS \$30 to \$1000; 2 to 32 stops. Planos DANIEL F. BEATTY, Washington, N. J. 45-55

DR.CLARKE, NO CURE ! ESTABLISHED 1851. (LOCUST St...

St. Louis Mo. is still treating all Private, Nervous, Chronic and Special Diseases, Sperma-torrhea, Impotency. [Sexual Incapacity), Female Diseases, Irregularities &c. Ladies send 25 cts. (Stamps) for "Sofeguard & Guide to Health." Spormatorrhea and Impotency, is the result of self-abuse in youth, sexual excesses in maturer years, or other causes, and produca some of the following effects: Nervousness, eminal Emissions, (night emissions by dreams), finness of Sight, Defective Memory, Physical becay, Pimples on Face, Aversion to Society of Females, Confusion of Ideas, Loss of Sexual Power, &c. rendering marriage improper and unhappy, re thoroughly and permanently cured. Victims Felf-abuse or any Private Disease send Swamps or CELEBRATED WORKS on Nervous and Sexual Diseases.

MARRIAGE | MALE 30 CENTS. | BOTH 50 cts.
GUIDES | FEMALE 30 CENTS. | { Stamps. } MARRIAGE | MALE 30 CENTS. | SOTH 30 cts. Guides | FEMALE 30 CENTS. | Stamps. |

Syphilis positively cured and the TERRIBLE POISON cradicated from the system. |

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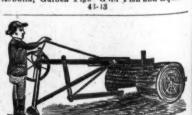
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